## **AUTHOR INDEX**

Aa, H. A. van der 6963, 7290 Aartrijk, J. van 2694 Abad, A. R. 532 Abad, G. 6130 Abada, K. A. 3016-3017 Abadie, T. 285, 292 Abakyan, A. A. 3739 Abawi, G. S. 8132 Abbaiah, K. 38, 3659, 4570 Abbas, H. K. 1605 Abbas, I. H. 783, 4315 Abbo, E. O. 3366 Abbot, D. C. 7533 Abbott, J. A. 5756 Abbott, J. K. 4713 Abd-El-Kader, D. A. 2630 Abd-El-Kader, D. A. 2630 Abd-El-Latif 6840 Abd-El-Mageed, M. H. 4532 Abdel-El-Rehim, M. A. 1378, Abdel-Hadi, M. A. 4271, 4490 Abdel-Kader, K. M. 3822 Abdel-Megeed, M. I. 3870 Abdel-Rahim, A. M. 1106, Abdel-Rahim, M. F. 4591 Abdel-Sattar, M. A. 2712-Abdelbagi, A. O. 2376
Abdukarimov, A. 7393
Abdul Ghaffar 7878
Abdul-Hammed, F. A. 8106
Abdulaev, K. M. 7467
Abdulsalam, K. S. 3870, 6839
Abe, O. 8171
Abe, Y. 2309
Abeles, F. B. 440, 1047
Abergel, C. 1203
Abid Ali Khan, M. M. 2382
Abney, T. S. 6067
Abo-El-Dahab, M. K. 4249
Abood, J. K. 3612
Aboshosha, S. S. 1343
Abou-Shaar, M. 2248
Abou-Taleb, E. M. 1378, 6853-6854
Abou-Zeid, N. M. 3016-3017 Abou-Zeid, N. M. 3016-3017 Abouelkhair, K. S. 1741 Abouhaidar, M. G. 1443 Aboul-Ata, A. E. 5495, 6491-6492 Abourouh, M. 1165 Abozinada, R. A. 1177 Abraham, J. 2847 Abraham, M. 5801, 7866 Abraham, W. R. 3163, 4737, 7207 7207 Abramowski, Z. 3148 Abrams, S. R. 3597 Abreu, C. L. M. 6920 Abruzzese, A. 6637 Abu-Blan, H. A. 1946 Abu-Gharbieh, W. I. 261, 8008 Abu Mohammad 4998 Abu Saleha 6033 Abu Saleha 6033 Abu-Surrieh, A. A. 1106 Abu-Taleb, A. M. 5975 Abul Khair 7630 Abusaleha 1594, 6857 Abussaud, M. 1669 Abuzinadah, R. A. 6305 Accotto, G. P. 1251 Acharekar, C. 2430 Achenbach, H. 6260 Achilova, Sh. 7686 ACIAR Proceedings Series 8229 Acker, G. 4469 Acosta Leal, R. 6113 Acosta Padilla, E. 7210 Acsai, J. 1746 Ádám, A. 7525, 7930 Adam, F. S. 2849

Adam, G. 2542, 5470 Adam, L. 2587-2588, 2867, 5242 Adams, A. N. 1433 Adams, D. 1762 Adams, G. 6643, 7755 Adams, G. C. 7418 Adams, M. B. 5106-5107 Adams, M. J. 4039, 5525, Adams, P. B. 3662, 3876 Adams, S. S. 2185 Adaros, G. 5589 Adaskaveg, J. E. 913, 6377 Addison, P. A. 8046 Addy, S. K. 5658, 5660, 5662, 7080 7333 7080 Adebanjo, A. 2899 Adee, S. R. 4000 Adekunle, F. 1642 Adelusi, A. A. 8120, 8324 Ades, P. K. 8097 Adesanya, S. A. 8323 Adhikari, N. 6247 Adhikari, R. S. 2111, 7250 Adhikari, T. 4117 Adhikari, T. 4117 Aditya Vyas 160 Adiver, S. S. 4424 Adlerz, W. C. 346 Adu, J. K. 3643 Adylova, A. 2685 Afanasenko, O. S. 2631-2632, 4781, 5595
Afanas'ev, B. N. 1906
Afek, U. 5327, 5350
Afifi, F. M. L. 4366
Afsharifar, A. R. 7428
Aftab, M. 7548
Ağar, S. 6241
Agarkov, V. D. 4082
Agarwal, A. K. 5404
Agarwal, D. K. 6374
Agarwal, P. C. 6699, 7089, 8212 4781, 5595 Agarwal, R. 5139
Agarwal, V. K. 5626, 5631
Agarwala, R. K. 5765, 6648
Agarwala, S. C. 1425
Ageev, E. A. 7057
Ager, B. P. 6165
Agerer, R. 108, 6308
Aggangan, N. S. 4707
Aggarwal, A. 5213, 5290
Aggarwal, R. 7485
Aggour, A. R. 1600
Agnihothrudu, V. 3529
Agnihotri, J. P. 3965
Agnihotri, V. P. 6992, 7961-8212 7962 Agostini, J. P. 4128 Agranovsky, A. A. 3945, 4489, 5475, 5970 Agrawal, H. O. 5867, 6132, 7329 Agrawal, P. K. 7894
Agrawal, S. 453
Agrawal, S. C. 593, 4574,
4579, 5174, 7571
Agrawal, S. G. 4575
Agrawat, J. M. 5840
Agrios, G. N. 1235
Aguiero, V. M. 816
Aguilar, J. 936, 6713
Ahl-Goy, P. 4355
Ahlawat, Y. S. 7654, 7658
Ahlquist, P. 5476, 7337, 7340
Ahmad, A. 7076
Ahmad, I. 4223, 5842
Ahmad, M. 7958
Ahmad, M. 7958
Ahmad, Q. 4998
Ahmad, R. 6671
Ahmad, S. 5262, 7557, 8282 Agrawal, P. K. 7894 Ahmad, S. 5262, 7557, 8282 Ahmad, S. I. 4091, 7912 Ahmad, S. K. 4520

Ahmad Masood 4497 Ahmad Masood 4497 Ahmed, A. H. 2376, 6199 Ahmed, G. U. 2163, 7238 Ahmed, H. U. 2019, 4868 Ahmed, K. G. M. 1981-1984 Ahmed, K. M. 2389 Ahmed, M. A. 2907 Ahmed, S. R. 6064 Ahmed, S. R. 6064 Ahomadegbe, J. C. 5430 Ahoonmanesh, A. 7361 Ahuja, R. L. 2654 Ahuja, S. C. 822, 4106, 6519 Ahukla, P. 8280 Aibara, S. 2659 Ainsley, A. 3240 Aist, J. R. 7195-7197 Ajai 5448 Ajlan, A. M. 6020 Ajlan, A. M. 6020 Akanda, A. M. 7325, 7362 Akashi, K. 8133 Akça, A. 5063 Akem, C. N. 4549, 6881 Akers, A. 5300, 6276 Akhmed, D. 7698 Akhmedzhanov, I. G. 349, 7684 Akhtar Ali 4068 Akiew, E. 6761 Akino, S. 3593 Akiew, E. 6761
Akino, S. 3593
Akiyama, T. 281
Akperlinov, M. A. 3587
Akram, M. 394
Akutsu, K. 7077
Al-Ahmed, M. 3241
Al-Asa'd, M. A. 261
Al-Ayoubi, L. M. 6459
Al-Banna, L. 8008
Al-Chaabi, S. 8301
Al-Fassi, F. A. 1177
Al-Garni, S. M. 3142
Al-Hazmi, A. S. 4157
Al-Hussein, F. A. 968
Al-Menoufi, O. A. 6703, 6853
Al-Momani, F. 1669
Al-Mousawi, A. H. 3320
Al-Musa, A. M. 3050
Al-Najjar, A. 740
Al-Nimri, L. F. 1728
Al-Roubaie, J. T. 4315
Alabouvette, C. 1211, 5697, 6431
Alad'ina, Z. K. 5838 6431 Alad'ina, Z. K. 5838 Alagarsamy, G. 348, 351, 630, 2057, 5659, 6557 Alaka Pande 7711 Alaka Pande //11 Alam, M. M. 4370 Alaña, A. 1823 Alba, A. P. C. 230 Alberini, J. 1048 Albertini, L. 1323, 3303, 6483 Albrecht, P. 4850 Albrecht, S. 5081 Albrecht, S. 5081 Albrechtsen, M. 5458 Alcântara, P. B. 886 Alcubilla, M. 4467 Aldrich, J. H. 7794 Aldwinckle, H. S. 2749, 2768-2769, 3400, 3405 Aleksandrova, N. M. 4317, 5460 Alekseeva, T. P. 7474 Aleksić, Ž. 5203-5204 Alexander, H. M. 3712-3713, 6141, 6144, 8333 Alexander, I. J. 89, 2496 Alexander, K. 3993 Alexander, K. C. 487, 1449, 4343, 5900-5901 Alexandru, D. 3606 Alfieri, S. A., Jr. 2721 Alhubaishi, A. A. 3225 Ali, A. 2019 Ali, A. A. 3035

Ali, A. D. 870-871 Ali, C. R. 7958 Ali, H. A. 6455 Ali, I. 7557 Ali, I. N. 2844 Ali, M. 4606 Ali, M. H. 3415 Ali, M. I. A. 1720, 2399 Ali, S. 2096 Ali-Shtayeh, M. S. 3899 Alink, G. J. 2760 Alippi, A. M. 2463 Alivizatos, A. S. 3952 Alizadeh, A. 270 Alkorta, I. 1823 Allan, D. J. 2868 Allan, R. E. 743 Allard, R. W. 3282 Allen, C. C. 7082 Allen, E. A. 2944, 3159 Allen, J. 1404 Allen, J. G. 2735 Allen, M. F. 5334 Allen, R. N. 6669 Allen, S. J. 1381 Allen, S. J. 1381 Allen, W. R. 1270, 5707, 6576 Allison, D. A. 6437 Allison, R. 7340 Alma, A. A. 1758 Alma, A. 2155 Almassi, F. 7499 Almeida, L. C. C. de 3972 Almeida, R. T. 1833, 3825, 7143 7143 Aloi, C. 2998, 3325, 3548, 4261, 6574, 6586-6587 Aloj, B. 3326 Alonso, R. M. 1533, 2942 Alonso, R. M. 1533, Altena, I. van 5389 Altenburger, R. 2531 Altieri, M. A. 4608 Altman, J. 3743 Altman, N. S. 6486 Altmann, M. 1898 Altmann, W. 2702 Altmayer, B. 3860 Altomare, C. 3985 Altomare, C. 3985 Alton, G. 7005 Alton, L. V. 7202 Aluri, K. 7604 Aluri, K. 7604
Aluthhewage, R. K. 4339
Alvarado M., L. 5897
Alvarez, A. 2071, 2083
Alvarez, A. L. F. 4269
Alvarez, A. W. 23, 1659, 8232
Alvarez, A. V. de 889
Alvarez, E. 827, 2670
Alvarez, J. 2339
Alvárez Díaz, C. 8320
Aly, A. Z. 2630
Aly, F. A. 4366
Amai, I. 1969
Amano, N. 4912
Amano, T. 8153
Amanov, A. A. 3025, 8260 Amanov, A. A. 3025, 8260 Amar Saxena 5647 Amaranthus, M. P. 1159 Amaranthus, M. P. 113 Amarjit Singh 8309 Amawate, J. S. 1793 Ambardar, V. K. 896 Amberger, A. E. 218 Ambler, D. J. 226 Ameen, H. H. 6322 Ameeta Banerjee 3968 Ameling, D. 4844 Amelung, D. 4844 Amemiya, Y. 6019 Amenduni, M. 3680, 6912, 6930 American Phytopathological Society 657, 1660, 3070, 3073, 6151-6154 American Potato Journal 5235 Ames, R. G. 5307

Amijee, F. 675 Amin, K. S. 2343, 8252 Amin, S. M. 2655 Amir, A. 1441 Amir, H. 1441, 7908 Amirault, P. A. 1539 Amiri, I. 5155 Amma, P. G. K. 7899 Ammar, E. D. 5611, 6401, 6491 Ammer, U. 4394 Ammer, U. 4394 Ammermann, E. 5300, 6268 Ammon, V. 985, 1516, 1549 Amorim, L. 486, 6735 Amoros, M. 3753 Ampornpan, L. 3819 Amr, A. M. 2053-2054, 2060 Amril, B. 819 Amrine, J. W., Jr. 2426 Amsellem, Z. 3685 Amtliche Pflanzen-Amtliche Pflanzen-schutzbestimmungen 58, 667, 2479-2480, 3129, 6292 Amund, O. O. 2148 Amundsen, C. C. 1158 An, Z. Q. 7129 Anaele, A. O. 4551 Anagnostakis, S. L. 2260, 6628 Anahosur, K. H. 325-327, 1356, 3298, 7572 Anand, N. 5927 Anand Sagar 67 Anand Singh 627 Anandaraj, M. 201, 2847, 5518 Anandpuri, S. S. 457 Anandpuri, S. S. 457 Anbazhagan, M. 7650 Anbu, S. 2819 Ancherani, M. 7779 Ancora, G. 7921 Andersen, C. P. 5962, 7111 Andersen, C. R. 6028 Andersen, G. L. 6209 Andersen, J. L. 8329 Andersen, P. C. 7794 Andersen, T. F. 3885 Anderson, A. J. 8191 Anderson, A. J. 8191 Anderson, D. L. 7967 Anderson, D. L. 7967 Anderson, J. A. 2726, 4736 Anderson, J. B. 3158, 5987 Anderson, J. C. 6259 Anderson, J. D. 7990 Anderson, J. W. 4131 Anderson, M. J. 2102 Anderson, N. A. 671, 2205 Anderson, P. K. 1056 Anderson, P. K. 1056 Anderson, R. D. 3975 Anderson, R. L. 1531, 1546 Anderson, S. H. 7236 Anderson, W. F. 3649 Ando, A. 886, 1048, 4269-4270 4270 Ando, T. 6264 Ando, Y. 2226, 3307 Andotra, P. S. 5805 Andou, Y. 5144 Andreeva, L. N. 5531 Andreeva, E. I. 7057 Andreeva, I. V. 6875 Andrei, E. 7877 Andrew, I. G. 4065 Andrews, I. 1645 Andrews, J. 1645 Andrews, J. H. 3395-3396, 3892, 6173 3892, 5173 Andrews, R. E., Jr. 7324 Andrianov, V. M. 7004 Andrzejczyk, T. 553 Aneja, K. R. 4624 Angel, J. C. 8317 Angeles-Ramos, R. 6948 Angeles-Ramos, R. 6948 Angelini, R. 2892 Angelov, B. 3202 Angra, R. 7527-7528 Anikina, I. I. 6022, 8163 Anil Gupta 7472 Anil Kumar 7902 Anil Vyas 5354 Anilkumar, T. B. 1078, 6898, 8256

Anino, E. O. 5070 Anisimov, B. V. 2853 Anisimova, L. A. 3110 Anita Kapoor 138 Anitha, R. 49, 7568 Anjali Vaidya 203, 8225 Anjan Krishna 6031 Anjaneyulu, A. 331, 6515-6516 Anjeneyulu, C. 4356 Ankenbauer, R. G. 11, 1671-1672 Ann, D. M. 4513 Ann, P. J. 1804, 3227, 4176, 7163 Annamalai, P. 5363 Annapurna, J. 5615 Anné, J. 3835 Annenkov, B. G. 2862, 2876, Annual Report - Prairie Farm Rehabilitation Administration 4626 Ano, G. 1640 Anoshenko, B. Yu. 6474 Ansari, A. A. 1353 Ansari, M. M. 4103, 4869, 7588 7588 Ansari, N. A. 573, 4501 Anselmi, N. 5074, 5411 Antonacci, E. 7849 Antonelli, A. 4960, 5784, 7808 Antonelli, A. L. 4939 Antonio, J. P. san 7141 Antoniw, J. F. 3531, 6411 Antoniw, H. 2507 Antrobius, W. L. 5934 Anuratha, C. S. 7420 Anver, S. 4370 Anver, S. 4370 Anwar, Q. M. K. 6449 Ao, G. M. 1896 Aochi, L. 965 Aoki, M. 2822, 5427 Aota, T. 3600 Aoyama, T. 1673, 1676, 7002 Apel, K. 1967, 4043, 5583 Apelbaum, A. 8298 Appaiah, K. A. A. 7599 Appaji, S. 5634 Appel, D. N. 4387, 5073 Appel, J. 2426 Appleby, A. P. 1301 Anver, S. 4370 Appleby, A. P. 1301 ApSimon, J. W. 5385 Arabet, M. M. 1015 Arabet, N. M. 2298 Arabi, M. I. 1323, 6483 Arafa, M. A. 2630 Aragaki, M. 2080 Arai, K. 535, 2397 Arai, S. 4943 Arakawa, C. 2082 Arakelyan, A. O. 4980 Aramov, M. Kh. 2902 Aranzazu Hernández, F. 273 Aranzazu Hernández, F. 273 Arase, S. 4098-4099 Araujo, R. S. 5162 Arauz, L. F. 1411, 3394, 3397 Araya, J. E. 2590, 4793, 5523 Arayapan, J. 7591 Arbieva, Z. Kh. 238 Arboricultural Advisory and Information Service 2264 Arca, G. 1462 Archambault, L. 1560 Archambault, L. 196 Archer, M. J. 1956 Archer, S. A. 1197 Arcila, M. J. 6870 Ardales, E. Y. 4116 Areddia, R. 6939 Arenare, D. 6273 Arendholz, W. R. 560 Arenstein, Z. 2761 Arentz, F. 4408 Arese, A. I. 5015 Arfmann, H. A. 3163, 4737 Arguelles 1340 Arias, I. 175 Arifa Fraga Beddiar 3795 Arimura, S. I. 2101 Arinç, Y. 4283 Arines, J. 5343

Arita, I. 3665 Arjuna, G. 2381 Armstrong, J. L. 104 Arndt, S. 5012 Arndt, U. 4400 Arnò, C. 2155 Arnold, D. J. 2468, 3783 Arnold, W. E. 5175 Arnold, W. R. 45 Arnoldi, A. 3120, 6281 Arnolds, E. 3190, 4701 Arnone, A. 4726 Arnould, M. F. 5082 Arnoux, M. 6651 Arny, C. J. 3615 Arjuna, G. 2381 Arnoux, M. 6651 Arny, C. J. 3615 Arny, D. C. 1402, 2006 Arora, J. S. 2704-2705, 5717 Arora, P. C. 760 Arora, R. K. 5876-5877 Arora, S. K. 4200 Arregui, J. M. 3437 Arrendale, R. F. 2092 Arsenović, M. 6133 Arshava, I. V. 4317 Arshava, N. V. 5460 Artemenko, E. N. 5551 Artopeadis, M. C. 1434 Arulpragasam, P. V. 491, Arulpragasam, P. V. 491, 7969 Aruna Arya 3967 Aruna Laxmi, K. 651 Arunachalam, V. 2374, 6321 Arya, A. 3967 Arya, H. C. 7576 Arya, R. 504 Arya, R. 504 Arzone, A. 2155 Arzuaga, J. 2210 Asada, Y. 4502, 6001, 8152 Asai, T. 3310 Asai, W. K. 4207 Asche, N. 1505 ASEAN Plant Quarantine Centre and Training Insti-tute 7421 Centre and Training Institute 7421
Ash, S. R. 2934
Asha Khandelwal 1847
Ashby, A. M. 12, 6831
Ashcroft, W. 4383
Asher, M. 5129
Asher, M. J. C. 3591, 5976
Ashfield, T. 3919
Ashki, A. H. 8106
Ashman, P. J. 1208
Ashok Aggarwal 5213, 5290 Ashok Aggarwal 5213, 5290 Ashok Das 6367 Ashok Gaur 2014 Ashok Krishna 4529, 6038-6039, 8180 Ashtaputre, J. U. 6127 Ashwani Kumar 4181, 5139, 5635 Asir, R. 6453, 6475, 7461 Asir, R. 6433, 6473, 7461 Asjes, C. J. 2693-2694, 4170, 5463, 6570 Aslam, M. 1021, 3957, 4009, 4223, 6010 Ascache, G. 4726 Assche, C. van 4594 Asselin, A. 2203, 4782, 6769 Asshare, J. 5310 Astakhov, A. I. 5777 Aström, B. 5265 Atabekov, I. G. 1906, 3219, 5909, 5916 Atabekov, J. C. 5488 Atabekov, J. G. 603, 6417, 7310, 7326, 7356 Ataide, H. de 970 Ataide, H. de 970 Atanasova, B. 2699 Athari, S. 5068 Atherton, G. T. 8188 Atiri, G. I. 3053, 5185, 8316 Atkins, D. 4352 Atkinson, D. J. 7086 Atkinson, M. M. 5050 Atkinson, R. G. 425 Atkinson, R. J. 473 Atley, K. 3384 Atri, N. S. 3226, 7242 Atul Singh 7487 Atwa, A. A. 2311 Atwa, A. A. 2311

Atwood, J. L. 3749 Auclair, A. N. D. 4439 Audergon, J. M. 3442, 3445 Augé, R. M. 1787 Auger, J. 2790 Augspurger, C. K. 8039 Augustinussen, E. 5736 Aujla, S. S. 1958, 2607, 4810-4811, 7480, 7483-7484 Aulakh, K. S. 321, 457, 687, 4160, 5766, 7492, 7617, 7874 Atwood, J. L. 3749 7874 7874 Aulakh, P. S. 928 Auld, B. A. 653, 1645, 2427, 3061, 5226 Auriol, P. 316, 6704 Aust, H. J. 4790, 5433 Austenson, H. M. 278 Austrin, D. J. 3722 Australasian Plant Pathology 3697 Autrey, L. T. C. 7968 Avazkhodzhaev, M. Kh. 349, 2685, 7684-7685 2685, 7684-7685 Aveling, T. A. S. 1582 Avelino, J. 4153 Avent, A. G. 5393 Averre, C. W. 6130 Aver'yanov, A. A. 5651, 7192 Avgelis, A. 3449 Avidon, V. V. 7934 Avikainen, H. 3991 Ávila, A. C. de 1384, 3925, 6118, 7379 Avila-Rincon, M. J. 1469 o118, 75/9 Avila-Rincon, M. J. 1469 Avio, L. 3830, 5342 Avissar, I. 5811, 6694 Avtar Singh 5766 Awade, A. 4534, 5155 Awasthi, R. P. 5986 Awoderu, V. A. 3301, 6526, 7632 7632 Awuah, R. T. 3602 Awuah, R. T. 3602 Ayele, J. 4680 Ayer, W. A. 2420-2421, 3572, 4449, 5389, 5953 Aylor, D. E. 2534, 3625, 6628 Ayón Ruiz, I. 5546 Ayres, P. G. 651, 1646, 1954, 1974, 1978, 3063, 4623, 6945 Azad, H. R. 510, 1435 Azagami, K. 7834 Azaizeh, H. A. 622 Azegami, K. 1277 Azeri, T. 7657, 7840 Aziz, T. 6331, 7119 Azizkhodzhaev, A. 4905 Azuma, A. 3792 Ba, A. 3795 Ba, A. M. 1176, 3795 Baard, S. W. 6934 Baart, P. G. J. 4789 Baas, R. 1771 Baayen, R. P. 851, 3329, 6575 Baayen, R. P. 851, 3329, 6575 Babayants, L. T. 4809 Babcock, C. E. 222, 3185 Babelegoto, N. M. 6821, 6935 Babu, K. J. 7661 Babu, M. K. 3494 Babu, S. C. 35 Baby, U. I. 3308, 7628 Bacchi, L. M. A. 3798 Bachelier, J. C. 3439 Bachi, P. R. 613, 8073 Bachnacki, R. 4258, 5779 Backer, A. I. 3836 Backnack, R. 4236, 37/79
Backnack, A. I. 3836
Backman, P. A. 5183
Bacon, C. W. 399-400, 5720, 6393 Badathoki, U. 7237 Badauy, H. M. A. 5993 Badebo, A. 3263 Badr-Eldin, S. M. S. 6322 Badyal, K. 7709, 7791, 7793, 7800 Bae, K. S. 2497 Baer, D. 5890 Baev, A. A. 1906 Báez, M. 7996-7998 Báez Escalona, M. 7995

Bagabe, M. 4513 Bagchi, B. N. 1576 Bagcgni, A. M. 6601 Baggett, J. R. 4068 Baghel, P. P. S. 7128 Bagirova, S. F. 5361 Bagyanarayana, G. 213, 2119, 7155 Bagyaraj, D. J. 1179, 1182, 2503, 3796, 5328, 5353, 6333 Bahadir, M. 6248 Bahadur, P. 7469-7470 Bahamish, H. S. 3517 Bahariev, D. 5205 Bahel, S. C. 7066 Bahkali, A. H. 192 Bahnweg, G. 6121 Bahr, J. T. 1479 Bai, G. H. 7506 Bai, N. R. 1363 Bai, N. K. 1363 Baibakova, O. V. 5837 Baier, B. 6424 Bailey, B. A. 7990 Bailey, D. A. 7713 Bailey, J. A. 5161, 6861 Bailiss, K. W. 2730 Bain, R. A. 6728 Bains, S. S. 1030, 1940 Bains, S. S. 1030, 1940, 7491, 8254 Baird, R. E. 5184, 806
Bais, B. S. 1103
Bais, R. S. 131
Bajaj, K. L. 2704
Bakala, J. 266
Baker, A. J. M. 1799
Baker, B. 1936
Baker, C. A. 3655
Baker, C. J. 5050
Baker, F. A. 8112
Baker, J. R. 356
Baker, L. S. 3641
Baker, L. S. 3641
Baker, R. 6023, 6982
Baker, R. A. 7205
Baker, R. A. 7205
Baker, R. A. 1577
Baker, R. R. 6150
Bakhariev, D. 5205 Baird, R. E. 5184, 8060 Bakhariev, D. 5205 Baksh, A. 8282 Bal, E. 4260 Bal Kishan 5549 Balachandran, S. 647 Balagopalan 3838 Balajee, B. 166 Balakrishnan, B. 3496 Balakrishnan, B. 3470 Balakrishnan, R. 2847 Balashova, I. T. 4367 Balashova, N. N. 4367, 6494 Balasingam, G. 384 Balasubramanian, K. A. 5630, 6500 6500 Balasundaram, V. R. 4550 Balázs, E. 1916 Balázs, F. 5522 Balbo, I. 3220, 3504 Baldwin, B. C. 1722, 1954 Baldwin, N. A. 396, 398, 2108, 2117, 5314, 5718, 6599 6599
Bale, J. S. 2581, 2620
Balgheim, R. 2621
Ball, A. M. 6831
Ball, D. M. 2112
Ball, E. 2448
Ball, E. M. 4852
Ball, S. F. L. 6380
Ballio, A. 2040, 8116
Balls, M. 6233
Baloch, R. I. 1722
Balsberg Påhlsson, A. M. 531
Baltensperger, D. D. 3369-Baltensperger, D. D. 3369-3370 3370 Balusamy, M. 5893 Bambach, R. W. 2132 Bambawale, O. M. 7943 Banasiak, U. 966, 5242 Bancroft, J. B. 7366 Bandoni, R. J. 2524 Bandy, B. P. 2202 Bandyopadhyay, A. 2374 Bandyopadhyay, R. 804, 7569 Banerjee, A. 3968, 5616 Banerjee, A. K. 633 Banerjee, M. K. 974, 1467 Banerjee, P. 7235 Banerjee, R. 3014 Bång, H. 7935 Banersya J. T. 1340 Bangcaya, I. T. 1340 Bangoy, N. S 1340 Bangura, N. 7632 Banik, M. T. 1037 Baniqued, C. A. 3054 Banks, A. 4654 Banks, G. R. 200 Banks, G. R. 200 Bannon, E. 305 Bansal, B. K. 4819 Bansal, R. K. 4079, 4564, 5637, 6002, 6074, 6079 Bansal, V. K. 289, 2333 Banthorpe, D. V. 1146 Banttari, E. E. 5868 Banu, I. S. K. F. 4604 Banville, G. J. 478, 2203 Banwari Lal 4715 Banwarilal 164-165 Banwarilal 164-165 Bar-Joseph, M. 1221, 1894, 2088 Bar-Zur, A. 7561 Barak, Z. 5024, 6712 Barakat, F. M. 1980 Barakat, G. 4661 Baranovskaya, I. A. 1333 Baranovskaya, I. A. 1333 Baranwal, V. K. 2851, 7316 Baraoidan, M. R. 4116 Barash, I. 2516, 3315, 3337, 7401 Barbanti, L. 5968 Barbara, D. J. 1279, 1433, 3213, 7187 Barbé, J. 21 Barbeni, M. 4735 Barber, C. E. 6212 Barber, M. S. 4798 Barber, M. S. 4798 Barbetti, M. J. 1398, 2123, 5732, 6615, 7750-7752 Barbier, M. 197 Barbotin, J. N. 5365 Bardas, D. 4380 Barde, A. K. 5407-5408 Barden, J. A. 6635 Barea, A. 3373 Barkai, Z. 4208 Barkai-Golan, R. 318, 4902, 6774 6774 Barker, H. 471, 6404 Barker, I. 2318-2320, 2539, 8128 8128 Barker, J. H. A. 1731, 5377 Barker, M. G. 8057 Barker, P. J. 4768 Barksdale, T. H. 3547, 4607 Barlow, J. N. 6447, 6727 Barna, B. 7930 Barnard, E. L. 8099
Barnes, J. D. 1566-1567, 8088
Barnes, L. W. 2937
Barnett, E. A. 6885
Barnett, G. 3995
Barnett, J. P. 8094
Barnett, O. W. 646, 1397, 2791 Barnett, W. W. 3479
Barny, M. A. 2458, 3092
Barone, A. 7918
Barr, C. W. 5108
Barr, D. J. S. 1806, 1966, 3185 3185
Barras, F. 1683
Barrasa, J. M. 6378
Barrasa, J. G. 4214
Barrault, G. 1323, 6483
Barredo, M. J. V. 576, 7074
Barreto, M. C. C. 5253
Barrett, A. G. M. 5289
Barrett, D. K. 2273
Barrett, K. L. 2468
Barrier, S. D. 2351
Barriga, M. I. 2250
Barrion, A. T. 6514
Barritt, B. H. 1410
Barros, B. C. 6489, 7867 Barros, B. C. 6489, 7867 Barros e Sousa, M. L. 4154

Barroso, J. 179 Barrows-Broaddus, J. 1547 Barrows-Boardus, 3, 1947 Barsegyan, A. Kh. 6365 Barsy, T. de 4598 Bartels, G. 735, 5285 Barthakur, B. K. 7126, 7971, 7973 Barthakur, S. B. 3832 Barthe, J. P. 4540 Barthelemy, J. P. 4528 Bartholmess, H. 5091 Barton Mess, H. 3091 Barton, L. L. 2497 Bartos, P. 746, 748, 752 Bartz, J. A. 2911, 4499 Barua, K. C. 7971 Baruah, B. P. 503, 7626, 8134 Baruah, C. K. 1446, 5875, 7166, 7926 Barz, W. 2388, 5191, 6092, 6068, 8258,8259 6968, 8258-8259 Barzilay, A. 6583 Basandrai, A. K. 4014, 74
Basant Ram 294, 760
Basarab, G. S. 5298
Basavaraj, M. K. 5692
Basedow, T. 740
Bashan, B. 5020
Bashir, M. 8282
Baskunov, B. P. 186
Basova, S. V. 8050, 8075
Bass, A. W. 4296
Bass, P. 4284
Bassett, E. N. 730
Bastiaans, L. 7605
Bastide, J. 102, 8290
Basuchaudhary, K. C. 430 Basandrai, A. K. 4014, 7492 Basuchaudhary, K. C. 4303 Bateman, G. L. 1939, 3240, 3248, 6467, 7500 Batenburg-van der Vegte, W. H. 5426 Bates, G. W. 1450 Bates, M. R. 8064 Batra, S. 1612 Batta, S. 1012 Battershell, R. D. 397 Battilani, P. 2974, 4090 Baturo, F. N. 6474 Bätz, W. 949 Batch, W. 349 Baudoin, J. P. 4521 Bauer, C. 1506 Bauer, D. W. 2459, 3086, 3091 Bauer, J. 3981
Bauer, R. 1866, 5371, 6350, 7266, 7284
Baulcombe, D. 4371
Baunoch, D. A. 4353
Bausher, M. G. 4901
Bauske, E. M. 2634
Bautista, E. R. 1340
Bautista Romero, E. 6542
Bavage, A. D. 8188
Baxter, L. W. 7704
Baxter, L. W., Jr. 1386, 2090
Baxter, M. 4065
Bayaa, B. 719
Bayles, C. J. 7195-7197
Bayman, P. 1145
Bayot, R. G. 445 Bauer, J. 3981 Bayot, R. G. 445 Bazin, H. 3723 Bazin, M. J. 7194 Bazzigher, G. 1509 Bazzigner, G. 1309 B"chvarova, R. 2699 Beachy, R. N. 3533, 3908, 3936, 4352, 4875, 5038-5040, 6408, 7976 Beale, R. E. 2710, 4484 Bean, G. A. 583, 8174 Beard, J. B. 401
Beauchamp, C. J. 2507
Beautement, K. 5287
Beaver, R. W. 1677, 8029
Bebee, C. N. 592, 1483, 1507, 5520 Bécard, G. 176 Becerra Leor, E. N. 5679, 5798 Bech, K. 1382 Beck, B. 6904 Becker, M. M. 2088

Becker, R. F. 2329 Becker, S. L. 1167 Beckett, A. 594
Beckman, C. H. 3465, 6560
Beckman, D. P. 5935 Beckman, D. P. 5935 Beckman, T. G. 1416 Beddiar, A. F. 3795 Bedi, J. S. 925, 946, 1445, 5819, 7993 Bedi, P. S. 301, 836, 7158, 7481, 7505, 7681 Bedi, R. 7470 Bedi, S. 6087 Bedi, S. 6087
Bedimo, J. A. M. 266
Bedlan, G. 570, 2981, 2995, 3203, 5209
Bedri, A. 2637
Beebe, S. E. 8189
Beer, E. 735, 737
Beer, S. V. 2435, 2457, 2459-2460, 2749, 2765-2766, 2768-2769, 2778, 3086, 3089, 3091, 3095, 3405, 3416, 3419, 4231, 4247, 6204 6204 Beer, W. W. 779, 1970, 2623, 4834, 7531 Beers, E. H. 915 Beetham, P. R. 387 Beever, R. E. 2110, 2840 Begg, E. 1810 Begg, E. 1810 Beghdadi, A. 4199 Begmetov, P. 7686 Begtrup, J. 379 Begum, H. 1620, 2005, 2646 Begum, R. 7126, 7970 Begum, S. 1290 Behera, B. 625, 6094 Behera, B. N. 776 Behl, H. M. 137, 2502, 6707 Behl, M. K. 503, 8001 Behn, H. 2880 Behnke, S. 4043 Behnke, S. 4043 Behroozin, M. 1596 Beinat, V. 7921 Beineke, M. 4053 Beineke, M. 4053 Beissmann, B. 4005, 5555 Beitz, H. 4668, 4670, 5242 Bej, A. K. 1809, 1884, 5369 Bejarano, J. 7231 Bela Nagpal, 688 Bélanger, R. R. 3343, 4420, 7720, 7725 Belesky, D. P. 7735 Belgium, Westvlaamse Proeftuin voor Industriële Groenten, Beitem-Roeselare 1653 Belgy, G. 4685 Belin, J. 3344 Belisario, A. 3561 Bell, A. A. 2687 Bell, C. R. 3078-3079, 3081, 3519, 5946 Bell, D. K. 5184 Bell, J. N. B. 1972 Bell, R. 2780, 5839 Bell, R. L. 2781, 3423 Bellardi, M. G. 382, 2697, 2709, 3338-3339, 3350, 4171, 5711, 6584, 7701 Bellemann, P. 3090, 3100, 3727 Bellés, J. M. 1260 Bellezza, G. 5511, 7374 Bello, D. 7762 Bello, G. M. dal 7895 Belloch, C. 2447 Bellotti, A. C. 1142, 4608 Belouin, A. 2779, 4248 Beluga, A. N. 2895 Belyakova, G. A. 7188 Belyakovskaya, R. K. 7477 Bem, F. 3952 Bem, F. P. 2443 Ben-Arie, R. 2128 Ben-Arie, Z. 2838 Ben-Meir, Y. 2805 Ben-Moshe, H. 6904 Ben-Yehoshua, S. 6537

Ben-Yephet, Y. 2518, 3864, 4589
Ben-Ze'ev, I. S. 3986, 5120
Beñatena, H. N. 4122
Benbadis, A. 2184
Benda, G. T. A. 483
Bender, C. L. 18, 2910
Bender, J. 4401
Benedict, A. A. 23, 8232
Bener Raj, R. 2005
Benetti, U. 3436
Benhamou, N. 1475-1476, 3166, 6769, 6781, 7725
Beniwal, M. S. 7472, 7960
Beniwal, S. P. S. 1060, 2379, 8257 8257 8257 Benken, A. A. 7518 Benner, P. 4460 Bennett, A. R. 5218 Bennett, D. 3785 Bennett, J. P. 1518 Bennett, R. D. 6351 Bennetzen, J. L. 6496 Bennici, A. 2466 Bennix, A. 2400 Benny, G. L. 3826 Benny, U. 3168 Benoit, A. 6545 Benson, B. L. 5199 Benson, D. M. 390, 860, 4180, 4923 4923
Bent, A. F. 3106
Bentley, B. R. 1392
Benton, R. A. 2063
Benz, B. 3056
Beramis, M. 5931
Berbee, J. 75
Berbee, M. 3353
Berbee, M. L. 6350
Berch, S. M. 3829
Berczyński, S. 3418, 4212
Bereberdina, G. I. 5726
Berentsen, E. 1036 Berettellia, G. I. 3726 Berentsen, E. 1036 Berezina, N. V. 2728 Berg, C. G. J. van den 278, 5602 Berg, G. H. 5312 Berg, S. van der 3763 Berg, G. H. 5312
Berg, S. van der 3763
Bergamin, A. 486
Bergamin Filho, A. 6735
Bergdahl, D. R. 552
Berge, O. 6702
Berger, P. H. 704, 3918
Berger, R. D. 4499, 5441
Bergeron, J. 1668
Berggren, G. T. 1951, 2367, 3637, 3639, 4864, 8211
Bergh, B. O. 2812
Berglund, D. L. 4023, 7183
Bergmans, C. J. B. 5055
Bergonia, H. T. 2312
Bergstrom, G. C. 800, 4060
Beringer, J. E. 6169
Berka, K. 2538
Berlinger, M. J. 5914
Berman, P. M. 3103
Bernal, C. C. 4870
Bernal, J. J. 7368
Bernard, E. C. 874
Bernatskaya, M. L. 7759 Bernard, E. C. 874
Bernatskaya, M. L. 7759
Berndt, H. 767
Berndt, R. 3809
Berner, D. K. 8211
Bernhard, C. A. 3788
Bernhard, F. 3100, 4647
Bernier, C. C. 3269, 4025, 5505, 8199
Bernillon, J. 5322
Bernstein, M. 3363
Berrang, P. 1518
Berretta, A. 455 Berrang, P. 1518
Berretta, A. 455
Berry, C. L. 6226
Berry, J. A. 647
Bertaccini, A. 867, 2400, 2556, 2697, 3332, 3339, 3350, 5711, 6584, 7701
Berthalon, E. 1459
Bertheau, Y. 7728
Berthelay, S. 3844
Berthelin, J. 4685, 4708, 5313
Bertioli, D. J. 7359

Bertoni, M. D. 7276 Bertram, R. E. 4798 Bertrand, P. F. 5044, 6647 Bérubé, J. A. 5067 Berville, A. 7558 Beshear, R. J. 6887 Besri, M. 8017 Best, L. C. 7204 Bethard, T. 5117 Betti, L. 3043 Bettini, P. 4331, 7397, 8000 Bettini, P. 4331, 7397, 8009 Betz, H. G. 947 Betz, H. G. 947
Beuselinck, P. R. 5738
Beute, M. K. 3645, 3647, 3649
Beuther, E. 1045
Bevan, J. R. 601, 8334
Bewick, T. A. 4483
Beyer, S. 1769
Beyrle, H. 3146
Bezbaruah, H. P. 4349
Rezić N. 391 Bezić, N. 391 Bezuidenhout, J. J. 6536 Bhagabati, K. N. 7658 Bhagat, S. 4520 Bhagwat, K. A. 7650 Bhaktavatsalam, G. 6515 Bhakthavatsalu, C. M. 4996 Bhakthavatsalu, C. M. 4996 Bhalla, M. 1311 Bhan, R. 4624 Bhan, U. 822 Bhandari, S. 7503-7504 Bhansali, R. 7745, 7909 Bharst Rai 330 480 Bhansali, R. R. 7745, 7909 Bharat Rai 339, 480 Bharathan, N. 2987, 4738 Bharati, M. P. 3656, 6085 Bharati Mishra 3765 Bhardwaj, C. L. 2668, 6146 Bhardwaj, L. N. 463, 7239, 7884 Bhardwaj, S. C. 7476 Bhardwaj, S. S. 1054, 5995 Bhargava, P. K. 4577, 6098 Bharti, I. 6374 Bhaskaran, R. 4314, 7903 Bhaskaran, R. 4314, 7903
Bhaswati Bhattacharyya 6290
Bhat, M. N. 452, 935
Bhat, R. 466
Bhat, S. G. 4076
Bhat, S. S. 4076, 7573
Bhatia, C. R. 6617
Bhatia, J. N. 1041, 7412
Bhatnagar, G. C. 7529
Bhatnagar, M. K. 4376
Bhatta, G. K. M. B. 4989
Bhatta, G. K. M. G. 2165
Bhattacharyya. B. 6290 Bhatta, G. K. M. G. 2165 Bhattacharyya, B. 6290 Bhattacharyya, P. 1614, 2385 Bhattacharyya, S. K. 5872 Bhatti, D. S. 7128 Bhide, V. P. 7711 Bhoknal, B. D. 2015, 2653 Bhombe, B. B. 5399 Bhombe, B. B. 5399
Bhuiyan, K. A. 3851
Bhullar, G. S. 4010
Bhutta, A. R. 7912
Bhuyan, N. 2875
Biala, J. 4741
Bian, Y. M. 4463
Biancardi, E. 4488
Bianchi, D. 6280
Bibeau, C. 3892
Biber, J. 109
Bicici, M. 2870
Biddle, J. A. 801
Biddle, P. 1458
Bieleit, G. 701
Bielka, F. 1986, 4849
Bien, E. 929
Bieseler, B. 1457 Bieseler, B. 1457 Biggins, M. R. 3772 Biggs, A. R. 911, 4221, 4255, 6644 Biggs, W. D. 513, 516 Bigler, F. 5306 Bihari Lal 6681 Bilan Lai von der 6575 Biles, C. L. 1047 Bilgrami, K. S. 4497, 6003 Bilitzer, N. 2838 Billing, D. P. 2794

Billing, E. 3386, 4216 Billotti, L. G. 7738 Bilotti, L. G. 7738 Bin, L. 690, 5153 Binarová, P. 5725, 6608 Bindra, A. S. 7847 Bineeta Sen 6390 Binesh, H. 1426 Binks, P. R. 3124 Binns, A. N. 1674-1675 Biratu, T. 4156 Birberg, W. 5165 Birch, R. G. 8 Birchmore, R. J. 6439, 6724 Birckenstaedt, E. 4192 Birendra Singh 8272 Biris, D. A. 5806 Birns, D. A. 3806 Birmingham, J. M. 3891 Birnbaum, S. G. 6610 Bisaro, D. M. 1257, 4769, 7383, 7387 Bishnoi, O. P. 5634 Bishnoi, S. S. 627 Bishnoi, U. R. 4551 Bishop, A. L. 3082 Bisht, I. S. 5643, 6080 Bisht, K. K. S. 5643 Bisiach, M. 2261 Bissett, J. 3185 Bistline, F. W. 346, 2679, 4143 Biswas, S. 4109 Bitter, W. 5025 Bitti, O. 4814 Bitti, O. 4814
Bitther, H. 2854, 4760, 5012
Bitton, G. 1234
Bjarko, M. 788
Bjarko, M. E. 1976
Black, C. C. 1748
Black, D. M. 2641
Black, L. L. 263, 1420, 4510, 8307
Black, M. 688 Black, M. 6887 Black, M. C. 1024 Black, R. 6430 Blackwell, B. A. 5385 Blaich, R. 450, 2159, 2511, 4981 4981
Blain, F. 3363
Blake, P. S. 3722
Blakebrough, M. 4875
Blakeman, J. P. 6056, 8200
Blancard, D. 2966, 6191-6192
Blanchette, R. A. 532, 1497, 4466, 5095, 5952, 6377
Blanco, H. 7996
Blanco, M. A. 7231
Blanco, M. N. 6378
Blanco Sánchez, N. 7994
Blaney, C. 3488 Blanco Sanchez, N. 7994
Blaney, C. 3488
Blank, C. M. de 5468
Blank, L. W. 2950, 2954, 3055
Blankenship, P. D. 6077
Blaschke, H. 2952, 4472
Blasco, F. 3730
Blazquez, C. H. 4899
Blackenbridt, D. 4730, 6341 Blechschmidt, D. 4730, 6341, 7171 7171
Bledsoe, C. 1156
Bledsoe, C. S. 6303
Blee, K. 8191
Bleinroth, E. W. 4956
Blenis, P. V. 1528, 2944, 5094
Bless, W. 6968, 8258
Blinova, T. P. 6012
Blinova, V. G. 7934
Blintsov, A. N. 3219
Bliss, L. C. 1156
Block, J. H. 4631
Blodgett, E. 915
Blok, I. 1095
Blom-Barnhoorn, G. J. 2693-Blom-Barnhoorn, G. J. 2693-2694
Bloomberg, W. J. 548, 3583
Bluett, D. J. 6824
Blum, S. 1898
Blume, H. P. 1769
Blunt, S. J. 5976
Blyden, E. R. 4538
Boal, R. J. 4966
Bobade, K. P. 2413
Bobeico, V. 6765

Bobkova, A. F. 3219, 4489, 5970, 6417 5970, 6417
Boccardo, G. 849
Bochkarev, N. I. 5000
Bochow, H. 1664, 2248, 3867, 3964, 5992, 6424
Bock, C. H. 8150
Bock, K. R. 1610, 2373
Bockelman, H. E. 1976 Bockelman, H. E. 1976 Boddy, L. 1213 Bode, L. E. 6954 Bödeker, W. 2531 Bodenstein, F. 2975-2976 Bødker, L. 731-733 Bodmer, M. 5345 Boehm, M. J. 8167 Boehm, M. J. 8167
Boekestein, A. 2720
Boekhout, T. 1880, 7282
Boer, B. B. 6575
Boer, R. F. de 6266
Boer, S. de 2448
Boer, S. H. de 4334, 5889
Boerema, G. H. 5410
Boerma, T. M. 3215
Boerner, R. E. J. 5336, 7122
Roersma, I. 4691 Boersma, L. 4691 Boesten, J. J. T. I. 5274 Boeyens, J. C. A. 7082 Bóez Escalona, M. 7994 Bóez Escalona, M. 7994
Boffa, J. M. 1395
Bogachev, Yu. I. 2643, 4855
Bogani, P. 4331, 7397, 8009
Bogatsevska, N. 1480
Bogdanova, E. Yu. 5973
Bogenschütz, H. 5306
Bogush, V. G. 3729
Bohare, S. 3004
Rohlman, H. 1967, 4043 Bohlmann, H. 1967, 4043 Böhmer, B. 3748 Böhmer, M. R. 6410 Boika, A. V. 1015 Boivin, G. 1584 Bojarczuk, J. 7441 Bojarczuk, M. 7441 Bokhoven, H. van 1909 Bokx, J. A. de 3502, 5008 Bol, J. F. 2229, 5463, 6570, 7975 7975
Boland, G. J. 1598, 5217, 6172, 6612-6613
Boland, R. M. 4202
Bolat, N. 5552
Bolay, A. 2802
Bolinski, M. M. 5298
Bolkan, H. A. 4384
Bollard, S. M. 7197
Boller, B. 6603
Boller, E. 5306
Boller, T. 71, 82, 2898, 3954, 6066, 6306
Bollich, C. N. 7620 Bollich, C. N. 7620 Bolton, N. J. E. 48, 607 Boltyanskaya, E. V. 5372, 7430 Bolyard, M. G. 8063 Bolyard, M. G. 8063 Bomke, A. A. 3829 Bompeix, G. 3767, 8007 Bonavent, J. F. 7558 Bond, W. P. 263 Bondari, K. 4081 Bonde, M. R. 5677, 7573 Bonfante-Fasolo, P. 5356, 6323 Bong, C. L. 2570-2576 Bonman, J. M. 4868, 4882, 6522 Bonn, W. G. 3403, 3423, 4211 Bonnard, G. 6200-6201 Bonnemain, J. L. 3757 Bonnet, F. 4945 Bonneville, J. M. 7336, 7385 Booden, E. M. C. 6572 Boom, J. van 2371 Boominathan, K. 7023-7024, 7026 Boon, J. J. 851, 6575 Boonekamp, P. M. 2693, 5464, 6570 Booze, C. F. 5309 Borazanci, N. 4283 Borden, J. H. 2287

Bordoloi, D. N. 2875 Bordovsky, D. 1299 Bordovsky, D. 1299
Börger-Papendorf, G. 6968
Borges, M. de L. V. 3010
Borkar, S. G. 2462, 3487,
4908, 5832, 6563
Borkar, S. K. 5696
Borkhardt, B. 379
Borland, A. M. 4049
Bormans, H. 2745
Börner, H. 685
Borddanenko, A. J. 2601, 26 Borodanenko, A. I. 2601, 2612 Boronin, A. M. 3110 Borrel, B. 5860 Borromeo, E. S. 2026, 5655 Borst-Pauwels, G. W. F. H. 4697 4697 Borthakur, B. C. 7658 Borthakur, B. K. 5658, 5660 Bortnīk, A. V. 1015 Boruah, P. 2875 Borukhov, S. I. 3729 Bos, L. 3630, 3660 Bos, L. 3630, 3660 Bosch, C. 4392 Bosch, U. 1605, 4817 Boscia, D. 2823, 3474 Bosland, P. W. 2408 Bosman, J. L. 2513, 6511 Bosque-Perez, N. A. 2380 Bossa, F. 2040 Bostock, R. M. 4983, 6198 Boswall, P. 5730 Boswell, R. C. 6786 Boswell, T. E. 1076 Boswell, T. E. 1076 Botello G., J. J. 680 Botha, T. 2811 Botha, W. J. 3031 Bothast, R. J. 3068, 6139, 6944, 8328 Bottacin, A. 5524 Bottalico, A. 7, 1350, 2584-2585, 2711, 3980, 3985, 6372, 6775 Böttcher, I. 5135 Böttcher, I. 5135 Bottenberg, H. 6514 Böttger, W. 736 Bottin, A. 1459 Botton, B. 65, 80, 2483 Boubals, D. 6688 Boucher, A. 722, 3330 Bouchery, Y. 5467, 5969 Bouchibi, N. 3546 Boudarga, K. 1792 Boudon-Padieu, E. 6419 Boudon-Padieu, E. 6419 Bougher, N. L. 5325-5326 Boukroute, A. 65 Boulila, M. 2823 Boulton, M. I. 6434 Bouma, A. S. 2696, 2777, 3345
Bounaga, N. 1441
Bourbos, V. A. 4411
Bourett, T. M. 6523
Bourson, C. 2461
Bousquet, J. F. 574, 4817
Bousquet, N. 95
Boutar, M. 4093
Bouvet, O. M. M. 7028
Bouzoubaa, S. 7390
Bové, J. M. 4775, 4945, 5664
Bowden, R. D. 568
Bowden, R. L. 3514-3515, 4325 3345 4325 Bowden, W. B. 568 Bowen, K. L. 5541 Bowerman, P. 6871 Bowers, J. H. 641, 3675-3677 Bowers, W. S. 27 Bowman, D. T. 7575 Bowyer, J. W. 6100 Boyadjiev, P. 4897 Boyadzhiev, P. 4897 Boyd, W. J. R. 3280 Boye, K. 1902 Boyé, K. 2743 Boyetchko, S. M. 5639, 6326, 4325 Boyetchko, S. M. 5639, 6326, 7145 Boyette, C. D. 1652, 5224 Boyko, V. P. 3945, 5475 Boyle, D. 3808

Boyle C. 4790 Bozard, B. T. 8330 Bozarth, R. F. 5497 Bozzano, G. 3325 Bradbury, J. F. 3111, 3717, 5269 Bradbury, P. M. 5108 Bradfute, O. E. 790 Bradshaw-Smith, R. P. 8182 Braendlin, N. 4144
Bragard, C. 4791
Brahma, R. N. 4035, 6453, 6475, 7461 64/5, /461 Brahmbhatt, A. B. 7986 Braithwaite, K. S. 1405, 1878 Brake, V. M. 2149 Brakke, M. K. 3242 Bramley, P. M. 1208 Brammall, R. 1477 Brand, L. 7383 Brand, R. J. 1911 Brandenberger, L. P. 6828 Brandl, F. 5599 Brandolini, V. 6923 Brandt-de Boer, B. 6575 Branišová, H. 2923 Branişte, N. 7774 Branişte, N. 774 Branzanti, B. 1189, 6310 Branzanti, M. B. 73 Brar, D. S. 7298 Brar, S. S. 928, 1098 Brasier, C. M. 2526, 8049, 8064 Brasileiro, A. C. M. 2453 Brasse, D. 2481 Brault, V. 257-258, 3197 Braun, C. J. 1341 Braun, E. J. 801 Braun, P. J. 2529 Braun, U. 213, 2906, 4427, Bräutigam, S. 3671 Bravo, A. 1082 Bravo, T. J. 1514, 1568 Bravo V., E. 2567 Bray, R. A. 4203 Brayford, D. 1817, 3224 Brayford, D. 1817, 3224
Brazauskene, I. 407
Brecht, J. K. 4586
Bredenkamp, M. W. 7082
Breininger, M. T. 2302
Breman, L. L. 2091
Brenes, O. E. 274
Brennan, E. G. 1448, 1609
Brennan, J. P. 1278
Brenneman, T. B. 1074, 4500, 5184, 6890, 6892, 8218
Brenner, D. J. 1685
Brent, K. J. 33
Brera, C. 6543
Bresinsky, A. 4630 Bresinsky, A. 4630 Bretout, C. 3197 Brett, M. A. 3274 Breuil, C. 700 Brewbaker, J. L. 6490 Bric, J. M. 6198 Bridge, P. D. 1230, 6259, 6376, 7208 Brielmaier-Liebetanz, U. 4922 Briest, E. 5978 Brigati, S. 6823 Briggs, G. G. 3777, 3783 Briggs, S. P. 1335, 1346 Briggs, S. P. 1335, 1346 Brignani Neto, F. 6592, 6731 Brindle, I. D. 40, 7072 Brinkman, M. A. 1330 Briskin, D. P. 181 Brisset, M. N. 905, 3377, 3379, 3427, 4215 Brissot, F. 4559 Bristow, P. 5784, 7808 Bristow, P. R. 2134, 2142, 3457, 6660 Brits, G. J. 2097 Brix, U. 3205 Brlansky, R. H. 831, 4900 Brix, U. 3205 Brlansky, R. H. 831, 4900 Broadbent, A. B. 5707, 6576 Broadlurst, P. G. 370 Broadley, R. 4654 Broadley, R. H. 7819 Brodbeck, B. V. 7794

Broderson, H. 513, 516 Broderson, H. 513, 516 Brodeur, L. 1584 Brodey, C. L. 8296 Brodmann, P. 2550 Brody, A. K. 2686 Broekaert, W. F. 2595 Broembsen, S. L. von 2097, 2103, 5515 Broggio, M. 4331 Broggio, M. 4331 Broglie, K. 1458 Broglie, R. 1458 Brogowski, Z. 1564 Brokenshire, T. 6830 Bronchart, R. 4598 Bronson, C. R. 794 Brooker, J. D. 3849 Brooker, N. L. 6375 Brooks, A. D. 5260 Brooks, M. W. 29 Brophy, L. S. 6452 Broschewitz, B. 1052 Broschewitz, B. 1052 Brough, C. L. 7387 Brovarskaya, O. S. 7020 Brovdii, V. M. 648 Brown, A. E. 2124, 4786 Brown, A. H. D. 780, 6978, 7533 Brown, A. M. 1971 Brown, A. P. 7005 Brown, C. S. 4911 Brown, D. L. 700 Brown, G. E. 830, 4127 Brown, I. 6866 Brown, J. A. 3846 Brown, J. F. 2177 Brown, J. K. 2968 Brown, J. S. 785, 1956, 7534 Brown, J. T. 1146 Brown, K. A. 1566-1567 Brown, L. G. 2968 Brown, M. A. 6249 Brown, M. P. 6435 Brown, P. R. 3030, 6103 Brown, R. 6814 Brown, S. 5370 Brown, S. K. 5307 Brown, T. A. 7017 Brown, V. K. 169 Brown, W. L. 861 Browne, K. M. 1575 Browning, C. K. 7383 Browning, M. E. 4353 Brozbar, J. 4258 Bruchet, A. 4679 Bruck, R. I. 2484, 2490, 4454, 5120 Bruckart, W. L. 3686, 5218, Brown, M. P. 6435 Bruckart, W. L. 3686, 5218, 5221 Brückner, B. 1807, 4730, 6341, 7171 6341, 7171
Brückner, F. 778
Bruckner, P. L. 7541
Bruening, G. 7341
Bruenn, J. A. 5617
Bruggen, A. H. C. van 1629, 3030, 3546, 3703, 6103 3030, 3546, 3703, 6103 Bruggen, P. van der 1108 Bruhn, J. N. 672, 3158, 5943 Bruin, D. J. de 1454 Brun, A. 2483 Brun, H. 1025 Brun, J. 5306 Brun, J. 5300 Brunatti, F. 7397 Brune, A. 5085 Brune, P. D. 412 Brunelli, A. 284, 6818, 6836, 6850, 6933 Brunner, F. 1757, 5084 Brunner, I. 5084 Brunner, I. J. 3064 Brunner, I. L. 1757 Bruns, T. D. 3814, 7153 Brunt, A. A. 714, 1233, 7328 Brunton, A. H. 4413 Bruton, B. D. 2996, 5756 Bruyne, E. de 6354 Bryan, H. H. 2987 Bryk, H. 4949 Bryla, D. R. 7147 Brzezicka-Szymczyk, K. 7465 Bucci, S. J. 854

Buchanan, P. K. 214, 2524, 8035 Büchen-Osmond, C. 647 Buchenauer, H. 7035 Buchko, J. 184 Buchvarova, R. 2699 Buck, K. W. 495, 714, 1197, 2234, 3947, 7358, 8064 Bücker, C. 5553 Buckner, E. 3807 Budashkina, E. B. 5538 Budd, K. 3840 Budden, R. 3840 Buddenhagen, I. W. 2380, 3466, 7603 Budge, S. P. 1826, 4485 Budini, R. A. 6636 Buergo, J. A. 6739 Bues, C. T. 3582 Bufo, S. A. 7849 Bugbee, W. M. 5132 Bugiani, R. 2533 Bujatti, M. 4331, 7397, 8009 Bulbule, S. V. 6075 Bulgaru, L. 3434 Bulk, R. W. van den 1478, 8026 Bull, J. 4016 Bulletin SROP 2773-2774, Bullock, S. 1810 Bu'lock, J. D. 194 Bulyntsev, S. V. 8260 Bunkers, G. 5387 Bunkers, G. J. 2514, 7542 Buonaurio, R. 3489, 5907, 8194 Burakhta, V. A. 6243 Burch, K. B. 212, 505, 507, 3191 Burchill, R. T. 1634-1635, 2398 Burckard, J. 707 Bürcky, K. 5130 Burden, R. S. 1144 Burdon, J. J. 660, 780, 891, 6978, 7533 Burdyukova, L. I. 7244 Burenin, V. I. 2970, 8130 Burge, M. N. 3060 Burger 5910 Burger, J. T. 358, 1911 Burgermeister, W. 8121, 8124 Burgermeister, W. 8121, 8 Burgess, L. 5991 Burgess, L. W. 774, 4827, 6470, 7186 Burgis, M. 4394 Burgner, J. W. 3083 Burgyan, J. 3937 Burhenne, S. 4190 Burkard, G. 4534, 5155 Burkard, G. 4534, 5155 Burke, B. A. 1960 Burleigh, J. R. 1272 Burmeister, H. R. 5383, 5394 Burnes, T. A. 5095 Burnette, D. C. 1330 Burnham, C. R. 1508 Burns, P. J. 5370 Burpee, L. L. 773, 5217, 6357 Burr, T. J. 2749, 3082, 4986, 6634, 8132 Burrows, P. M. 2791, 6392 Burrows, P. M. 2791, 6392 Burruano, S. 2835 Burth, U. 2587, 3151, 3510, 4666, 5242, 7456 Buschhaus, H. 6439 Buschmann, E. 5300 Buschmann, E. 5300 Buschmann, J. 5242 Bush, L. P. 5720 Bushe, B. C. 848 Bushnell, W. R. 6479 Bushuk, W. 3265 Buskirk, P. van 2780 Bus'ko, E. G. 2298 Busslo-Bulafu, C. M. 8237 Buss, S. L. 3331 Bussey, M. J. 4329 Bussi, C. 6650 Bustamante, E. 6138 Bustamante Gallardo, P. 7939-7940 Busto, G. A., Jr. 7634

Buszard, D. 6659 Butin, H. 4416, 4435 Butler, E. 3195 Butler, G. M. 1631, 1633 Butler, P. J. G. 1897 Butrov, D. 2763 Büttner, C. 2915 Büttner, G. 5130 Buzhoryanu, V. V. 3538, 6396 Buzilă, L. 5239 Buzila, L. 5239 Buzzell, R. I. 5177 Byadgi, A. S. 3873 Byler, J. W. 527, 8037 Byrd, A. D. 2115 Byrde, R. J. W. 4230 Bystrykh, E. E. 4818 Bytchier, B. 6115 Byth, D. E. 8213 Byther, R. 898 Byther, R. S. 4939, 4960, 5770, 6641 Cabral, D. 7276 Cabral, J. P. R. 7078 Cabral, J. P. S. 20, 1690, 5263 Cabrera, T. 1157 Cabrera de la Colina, J. 8283 Cabrini, R. M. 3120 Cabunagan, R. C. 2657-2658, 4088, 4878 Cacciola, S. O. 343, 6666 Cade-Menun, B. J. 3829 Cadet, P. 1481 Cadic, A. 2717, 3344, 3346, 4185 Cagaš, B. 876, 4192 Cahoon, M. 3201 Cai, J. X. 7633 Cai, S. 1097 Cai, S. F. 7680 Cain, D. W. 6649 Cain, R. B. 41 Cairns, J., Jr. 1681, 3087 Cal, A. de 431, 1418 Calder, V. L. 6032 Caldwell, B. A. 7102, 7112 Caldwell, C. 7095, 7436 Caldwell, R. W. 1999, 3292-Caldwell, R. W. 1999, 3292-3293, 5741
Calis, J. N. M. 5306
Calitz, F. J. 309, 1306-1307
Call, C. A. 6299
Callan, B. E. 8085
Callow, J. A. 1198
Calumpang, S. M. F. 576, 7074 7074 Calvert, L. 422 Calvert, L. A. 3936 Calvet, C. 5339-5340 Calvet, R. 6244 Calvo, S. 6553 Calvo Domingo, G. 5921 Câmara Machado, A. da 7348 Câmara Machado, M. L. da 7348
Camarasa, E. 3437
Cambillau, C. 1203
Cambra, M. 2194, 2672, 3437
Cambra, R. 2792
Cambra Mora, J. 8122
Cameron, A. C. 5700
Cameron, A. M. 2857, 5018
Cameron, D. F. 887, 4202, 6616 Cameron, J. 602 Cameron, J. S. 6660 Camino, V. 2407 Cammue, B. P. A. 2595 Campacci C. A. 8005 Campbell, C. 5737 Campbell, C. G. 5641 Campbell, C. L. 881, 1667, Campbell, L. L. 881, 1667 3361-3362, 3645, 4932, 5449, 5729 Campbell, E. I. 5395 Campbell, F. S. 8334 Campbell, J. W. 1258 Campbell, L. G. 5132 Campbell, R. 6356 Campbell, R. N. 969, 975 Campbell, S. J. 4432 Campbell, V. M. 7151

Campbell C. 7543 Campi, A. 5968 Campodonico, O. P. 2405 Camprubí, A. 5339-5340 Canada, Agriculture Canada 5273 Canaday, C. H. 6833 Canaday, J. 6200 Canadian Phytopathological Society 5238, 5241, 6151 Čanak, M. 2130 Canak, M. 2130 Candlish, A. A. G. 602 Candoussau, F. 209 Candresse, T. 257-258, 1907, 3197, 3439, 3441, 5495 Candy, C. J. 425 Canfield, M. L. 3078-3079, 5761 5761 Cangelosi, G. A. 11 Cannizzaro, G. 3349 Cannon, P. F. 3880 Cano, J. 679 Canova, A. 3043, 5809 Canteros, B. I. 663 Cantone, F. A. 3290-3291, 6506 Cantor, K. P. 5309 Cao, H. S. 998 Cao, J. D. 999 Cao, P. X. 7565 Cao, X. W. 3504 Cao, Z. M. 997 Cao, Z. M. 997
Capasso, R. 7, 2711
Cape, J. N. 4475, 6808
Cappaert, M. R. 2216
Capparelli, R. 7708
Cappelli, C. 3489
Caprara, C. 6619
Capretti, P. 2297, 3573
Capurro, R. 1706 Capurro, R. 1706 Caramiello, R. 4754 Caras, M. 7547 Carasi, R. C. 497 Carballo, O. 3210 Carbone, I. 5987 Carcases, A. 7160 Cardellina, J. H., II 3684 Cárdenas Alonso, M. 8192 Cárdenas Atoliso, M. 8192 Cárdenas Soriano, E. 5678 Carder, J. H. 7187 Cardin, L. 500 Cardon, J. 8191 Cardon, J. 8191 Cardona, C. 1142 Cardoso, E. J. B. N. 6327 Cardoso, L. O. N. 486 Cardoso, M. 6736 Cardoso, R. M. G. 6592 Carels, N. 3590 Carew, G. C. 5112 Carey, W. A. 4429 Cariddi, C. 7849 Carisse, O. 3601 Carletti, S. 6600, 7736 Carletti, S. 6600, 7736 Carling, D. E. 665, 950, 2204, 3165, 3511 3105, 3511 Carmellino, M. 1714 Carnegie, S. F. 2857, 5018 Carneiro, R. A. 5126 Carney, B. F. 2236 Carr, J. P. 4639 Carranza, M. R. 7498 Carranza, M. R. 7498 Carraro, L. 3436 Carriaro, L. 3436 Carrington, J. C. 243, 1249, 1255-1256, 4770 Carris, L. M. 2136-2137, 3451 Carroll, G. C. 1665 Carroll, R. B. 2004 Carroll, T. W. 7515 Carson, M. L. 3294, 5175, 7560 Carter, D. A. 1197 Carter, J. P. 6352 Carter, M. V. 1125 Carter, P. C. S. 8033 Cartia, G. 4600 Cartwright, D. 6855 Caruso, F. L. 2139 Carvalho, A. 2049, 5683 Carvalho, A. O. 1862 Carver, T. L. W. 1396

Casa, R. 7444 Casacuberta, J. M. 6503 Casale, W. L. 7418 Casallo, A. 3373 Casano, F. J. 2456 Casarini, B. 2190 Casetta, A. 853 Casida, J. E. 6264 Caspar, D. L. D. 3201 Casper, R. 2546, 3207, 5485 Castano, J. 819 Castaño, M. 21, 422 Casteels, H. 3787 Castelain, C. 3442 Castellano, M. A. 1740, 2823, 3349, 7102, 7112 Castellanos González, L. 1641, 7184 Castello, D. 1502 Castello, J. D. 223, 1503 Castillo-Z., J. 2049 Castle, W. S. 4128 Castoria, R. 1800 Castro, E. L. 8280 Castro, M. 7160 Castrol F., J. 5782 Casuccio, A. 5272 Casulli, F. 3252-3253, 3262, 3634, 6803 Catalano, M. 3552 Catara, A. 6822 Cate, J. R. 4633 Caten, C. E. 7495 Caten, C. E. 7495
Catena, G. 3552
Catling, H. D. 4873-4874
Čatská, V. 2126-2127
Caudwell, A. 6419
Caussin, R. 3747
Cavalloro, R. 1657, 1925
Cavanni, P. 3545 Cavelier, A. 6467 Cavelier, N. 3984 Ceballos, H. 793 Cech, T. 1017 Cecil, S. R. 7899 Celar, F. 4071 Celetti, M. J. 1274 Cello, L. M. 1479 Celnik, R. M. 3218 Ceoloni, C. 4814 Cerdá-Olmedo, E. 5395 Cerezke, H. F. 1484 Ceriani, M. F. 5015 Cerkauskas, R. F. 1573, 1638, 4612, 6011 Čeřovská, N. 5016 Cerra, R. 5954 Cervera, M. T. 3922 Cesti, P. 6280 Cevat, H. N. 6423 Ceynowa, J. 735 Cha, D. Y. 3663-3664 Cha, J. S. 510 Cha, J. S. 510 Chabbouh, N. 1092, 4596 Chae, Q. 7896 Chagnon, M. C. 7720 Chahal, S. S. 457, 806-808, 5766, 7064, 7577-7578, 7617, 7874 Chai, J. K. 2933 Chai, M. 4446 Chaisrisouk C. 185 Chair, M. 4446 Chaisrisook, C. 185 Chakrabarti, N. K. 4167 Chakrabarty, P. K. 5995, 5997, 6052, 8143 Chakrabarty, S. K. 1736, 4555, 8220 Chakraborti, S. 7301 Chakraborty, B. N. 963 Chakraborty, D. 7496 Chakraborty, N. K. 7658 Chakraborty, S. 4202, 6616 Chakravarthy 6513 Chakravarti, B. P. 1130 Chakravarty, P. 68, 670, 1745, Chalkley, J. H. 1068 Chalot, M. 80, 2483 Chalutz, E. 2565, 5503 Chamberlain, K. 7500 Chamberland, H. 1475

Chambers, K. R. 926, 3286, 4291 Chambost, J. P. 3730 Chamel, A. 6651 Champawat, R. S. 139, 678, Champawat, K. S. 139, 6 4990-4991, 5824, 7858 Chan, J. W. Y. F. 3519 Chan, K. C. 3280, 6149 Chan, Y. K. 6678 Chan, Z. L. 4877 Chand, H. 2027, 4582 Chand, J. N. 2654 Chand, R. 3024, 5821, 8027, 8158 Chand, S. 1601 Chandarani Acharekar 2430 Chander, M. C. 3304 Chander, M. S. 599, 1051, 6856 Chander Mohan 806, 946, 1445, 7993 Chandra, G. 6577 Chandra, J. 5797 Chandra, S. 134, 7084, 7415, 7449, 7672-7674 Chandra, U. 8331 Chandravadana, M. V. 1051 Chang, C. A. 446, 960, 3525, 4319 Chang, C. J. 5820, 6006 Chang, D. C. N. 6317 Chang, G. B. 5947 Chang, K. F. 6101 Chang, K. Y. 8206 Chang, L. 6534 Chang, L. 6534 Chang, L. S. 6643, 7755 Chang, N. T. 1962, 6466 Chang, P. M. 2655 Chang, R. J. 1315 Chang, T. T. 1150, 3153 Chang, W. Z. 2940 Chang, Y. C. 342 Chang, Y. J. 5497 Channar, R. A. 6056, 820 Channar, B. A. 6056, 8200 Chao, C. C. 4709 Chao, C. P. 6742 Chappelka, A. H. 1555 Chapurnaya, V. I. 4963 Charaya, M. U. 3670 Charest, P. M. 5373 Charette, D. A. 2258 Charette, D. A. 2258 Charif-Tehrani, A. 4011 Charland, J. P. 5385 Charng, Y. C. 377 Chartier, R. 894, 2754, 3377, 3379-3380, 3426, 4246 Charudattan, R. 5220 Chary, M. P. 2022 Chary, S. J. 3549 Chase, A. R. 832, 847, 2084, 3324, 4924, 7710 Chase, T. E. 7270-7271 Chasin, D. G. 6954 Chasin, D. G. 6954 Chastagner, G. A. 393, 3341, 6568-6569 Chastelliere, M. G. 3442 Chatani, M. 1917, 7373 Chatarpaul, L. 1745 Chattannavar, S. N. 2150, 4424 Chatterjee, A. 2218, 3730 Chatterjee, A. K. 1686, 2218, 2385, 3730, 7008 Chatterjee, C. 1425 Chatterjee, D. 1991 Chatterjee, M. 7025 Chatterjee, M. R. 7025 Chattopadhyay, A. K. 1576, 1578 Chattopadhyay, B. K. 1848-1849, 2520 Chattopadhyay, S. B. 1120, Chattopadhyay, T. K. 1149 Chaturvedi, A. P. 6 Chaube, H. S. 1621 Chaudhary, R. 7253 Chaudhary, R. 7233 Chaudhary, R. G. 5654 Chaudhuri, J. 1149 Chauhan, C. 2013 Chauhan, H. L. 7886

Chauhan, M. S. 352 Chauhan, R. 1988 Chauhan, R. K. S. 2013, 4306 Chauhan, S. 5404 Chauhan, V. B. 3839 Chaumat, E. 5323 Chaurasia, R. K. 7864 Chauvel, G. 7051 Chaverri, A. 3138 Chávez, M. G. 2498 Chawla, H. S. 1949, 1961 Cheah, L. H. 3058 Chebernina, T. F. 5869 Chebotareva, M. S. 435, 2801, 4965, 7801 Checa, J. 1871 Chee, K. H. 4336, 5027 Cheema, D. S. 6770 Cheema, S. S. 7668, 7847, 8309 Cheer, A. B. 6457 Chełkowski, J. 1303, 1350, 3714, 3979, 4029-4030, 4063, 4326, 4522 Chellemi, D. O. 3477-3478, Chempakam, B. 3491, 7899 Chempakam, B. 3491, 7899 Chen, C. 2650, 4227 Chen, C. C. 1111, 1904 Chen, C. T. 960, 3525, 4347-4348, 7414 Chen, C. Y. 4405, 5188, 7003 Chen, D. X. 2295 Chen, D. Y. 3874 Chen, F. 5941 Chen, F. C. 2081 Chen, H. 4132, 5670 Chen, H. R. 493 Chen, H. Y. 7508 Chen, J. D. 2394 Chen, J. H. 546 Chen, J. P. 4794, 5525 Chen, J. X. 6891 Chen, K. K. 2492 Chen, K. R. 6891 Chen, K. Y. 982 Chen, M. C. 5698 Chen, M. J. 1904 Chen, Q. F. 5649 Chen, Q. Q. 2979 Chen, Q. T. 1841, 2223 Chen, S. A. 2592, 3244 Chen, S. C. 3565 Chen, S. E. 3750 Chen, S. F. 3750 Chen, S. Y. 4463 Chen, T. A. 1923, 4210, 4941 Chen, W. 4751, 7633 Chen, W. D. 7508 Chen, W. Y. 2887 Chen, Y. 3865, 4364 Chen, Y. H. 3565 Chen, Y. L. 4120, 5668 Chen, Y. X. 606, 1923, 2342, 4310, 5005 Chen, Y. Y. 2887 Chen, Z. 742, 5649 Chen, Z. C. 1764, 2272 Chen, Z. H. 5486 Chen, Z. H. 5486 Chen, Z. S. 4132 Chen, Z. W. 5148 Chen, Z. X. 686, 1855 Chen, Z. Y. 446, 2963 Cheng, B. X. 4813 Cheng, C. 5390 Cheng, C. C. 7382 Cheng, G. Y. 6204 Cheng, J. 4311 Cheng, L. 4311
Cheng, X. N. 4601
Cheng, Y. H. 3227
Cheon, S. R. 5851
Cheong, J. J. 5165-5166
Cheong, S. R. 470
Cheplick, G. P. 403
Chepurnaya, V. I. 4253, 4256
Cherif, C. 1092, 4596
Chérif, M. 1322, 3166
Chermenskii, D. N. 3701
Chernov, V. E. 5591
Cherton, J. C. 7062
Chessin, M. 1663 Cheng, L. 4311

Chet, I. 1458, 2207, 3173, 6184 Chettanachit, D. 7591 Chettannanavar, S. N. 1963 Chevalier, M. 5748 Chevalier, R. 3379 Chevassus-Clement, M. T. 7062 Chevaugeon, J. 958 Chevone, B. I. 2301 Chew, V. 5031 Chhabra, H. K. 1104-1105 Chhabra, M. L. 136, 143, 155, 159 Chhotaray, P. K. 444, 637 Chhum, B. 5917 Chiang, J. K. 2887 Chiang, M. S. 2001 Chiba, M. 40, 6011, 7072 Chiba, S. 7425 Chien, C. C. 342, 4107 Chijimatsu, M. 3199 Chilappagary, P. K. 5337 Child, R. D. 575 Child, K. J. 575 Chillet, M. 5931 Chilosi, G. 299 Chilton, W. S. 2507, 2724, 3083, 3398, 5367 Chindo, P. S. 6762 Chinea Martín, A. 488 Chingombe, P. 812 Chiniros, B. 4874 Chipompha, N. W. S. 1166, 3802 Chippaux, M. 1683 Chiriac, G. 6765 Chistyakova, V. N. 6473 Chitale, K. 6096 Chitra Chauhan 2013 Chittawong, V. 1725, 3749, 6261 Chitzanidis, A. 3952 Chiu, R. J. 1904 Chiverton, P. 5306 Chivkunova, O. B. 1805, 7190, Chkanikov, D. I. 753, 5551 Chládek, E. 6965 Cho, D. J. 454, 4101 Cho, E. K. 4546 Cho, J. 5145 Chockalingam, S. 5893 Choe, D. M. 1766 Choe, J. S. 3047 Chohan, G. 7653 Choi, D. 6805 Choi, D. C. 626 Choi, D. R. 6355 Choi, G. H. 5391, 5939, 8058-8059, 8193 Choi, J. E. 340 Choi, J. S. 626 Choi, K. T. 7021 Choi, Y. C. 640, 824, 1101 Chollet, J. F. 3757 Chollet, J. F. 3757 Chong, C. 6644 Chong, J. 5604, 6348, 6454 Chong, N. 4447 Chong, T. C. 2572, 2576 Choochoa, C. 616 Chopra, S. 3791 Chor, C. K. 6718 Chor, C. K. 6718 Choudhary, A. D. 7756 Choudhary, A. K. 4497 Choudhary, S. L. 1130 Chouikh, Y. 1903 Choulwar, A. B. 972, 5925 Chourasia, H. K. 4300, 7888 Chovatia, B. G. 5565 Chow, P. N. P. 26 Chowdhury, A. K. 815, 2656-2657 Chowdhury, M. A. H. 2411 Chowfla, S. C. 503, 8001, 8134 Christin, H. 7945 Chrispeels, M. J. 2337 Christ, B. J. 4328, 5022, 5866 Christen, O. 5526 Christensen, C. M. 1349 Christensen, M. 1192, 2505

Christensen, M. J. 4928, 7739, 7741 Christensen, N. W. 3274 Christiansen, E. 5089 Christie, B. R. 7757 Christie, P. J. 1674 Christie, R. G. 3369 Christodoulakis, N. S. 2708 Christova, D. 3042 Chrysayi, M. 4617 Chrzanowska, M. 5863-5864 Chu, D. 2472 Chu, H. G. 2238 Chuang, T. Y. 1813, 3875, 6505 Chubanaŭ, K. D. 1015 Chulkina, V. A. 6177 Chulze, S. 2174 Chulze, S. 2174
Chumley, F. G. 1649, 3360
Chun, D. 2036
Chun, W. 3408
Chung, B. K. 2410
Chung, H. S. 3160, 4857
Chung, S. H. 5396-5397
Chung, T. Y. 204, 2478
Chuptsova, O. E. 4781
Churakov, B. P. 2299, 8101-8102 8102 8102 Church, V. J. 6701 Chuy, A. X. 380 Ciampi Panno, L. 7939-7940 Cibula, W. G. 5320 Ciccarese, F. 3680, 6912, 6930-6932, 6935 Cicco, V. de 5674 Çiçek, Y. 2390 Cicero, A. M. lo 6634 Cierniewska, A. 4030 Cifuentes Barreto, M. C. 5253 Cimanowski, J. 4258, 5779 Cinarli, I. 4283
Cipriano, T. 4600
Cirne, M. M. dos S. 7848
Cirulli, M. 3680, 6930-6932
Citovsky, V. 7327
Ciuffetti, L. M. 6506
Civerolo, E. L. 831, 2439, 3111, 5667, 5682, 6999
Claflin, L. E. 1352, 1359
Clapham, D. 4768
Clapperton, M. J. 1190, 1784
Clardy, J. 1979, 7183, 7822
Clardy, J. C. 3419
Clare, B. G. 2452, 7006
Clark, C. A. 1110
Clark, D. C. 6457
Clark, E. 3337 Çinarli, I. 4283 Clark, E. 3337 Clark, E. E. 1886 Clark, G. 1195 Clark, J. M. 29 Clark, L. 5311 Clark, L. E. 1299 Clark, M. F. 3331 Clark, R. G. 3406 Clarke, B. B. 1448, 1609 Clarke, B. R. 6007, 6488 Clarke, D. D. 8334 Clarke, G. G. 4233 Clarke, M. H. E. 607 Clarkson, P. 6761 Clauzel, J. M. 5808 Clay, K. 403, 1393, 3356, 3488 Claypool, P. L. 5964 Clayton-Greene, K. 1409 Clear, R. M. 1965 Clement, S. L. 2723, 3283 Clemente Barriendo, C. 6627 Clemente Barriendo, C Clements, D. 6869 Clements, R. O. 1392 Clercq, E. de 230 Clercq, R. de 3787 Clerjeau, M. 4288 Cleveland, T. E. 3319 Cleyet-Marel, J. C. 5323 Cliffe, J. 4875 Clifton, I. J. 1258 Clint, G. M. 7232 Cloud, G. L. 7212 Clough, J. M. 5287 Clulow, S. A. 8181, 8187

Clutterbuck, C. 7033 Coates-Milne, D. 1444 Coats, J. R. 1701 Cobb, A. C. 8330 Cobb, F. W., Jr. 3570 Cobos Suarez, J. M. 8092 Coceano, P. G. 1989 Cochran, K. D. 2719 Cochran, M. J. 1606 Cock, A. W. A. M. de 6121 Cockbain, A. J. 4524 Cocucci, S. 6637 Cocucci, S. 6637 Coelho, J. A. 486 Coetzee, J. 3031 Coetzee, J. C. 2532 Coffey, M. 5790-5792 Coffey, M. D. 921, 1225-1226, 1801, 2807-2808, 2810, 3118, 3458, 7252, 7820 Coffin, R. S. 1626, 5491 Coggins, C. W., Jr. 2676 Coggon, D. 6236 Cohen, A. 6583 Cohen, A. 6583 Cohen, E. 2676 Cohen, J. 2703, 2715, 4611 Cohen, M. 2152 Cohen, S. Z. 3781 Cohen, Y. 475, 3865, 4208, 5020, 6725 Coker, F. A. 5038 Colby, S. 2338 Cole, A. L. J. 2701 Cole, J. S. 5713 Cole, M. D. 3116, 6259 Cole, M. J. 5567 Cole, P. D. 2092 Cole, R. A. 5452, 6834 Cole, R. J. 1073, 6077 Coleman, J. 5247 Coleman, L. W. 1204 Coleman, M. C. 5881 Coleman, M. D. 6303 Coleman, W. K. 2873 Coley-Smith, J. R. 7536 Coley-Smith, J. R. 7536 Colin, J. 4791 Colina, J. C. de la 8283 Collin, E. 5944 Collin, J. 1273 Collina, A. 2040 Collinge, M. 4654 Collins, D. J. 7236 Collins, P. 7041 Collins, R. P. 7660 Collins, W. 645 Collins, W. 545 Collins, W. 17750 Collimer, A. 1696, 2218, 2439, 4986, 5260, 7008 Collomia, Centro de Investi-Colombia, Centro de Investigación de la Caña de Azúcar 1114 Colozii-Filho, A. 677 Colyer, P. D. 4197, 4904, 6558, 6609 Comeau, A. 1273 Commandeur, U. 8121, 8124 Committee on Biological Control Research 1666 Concaro, G. 1706 Conejero, V. 1260, 7999 Confalonieri, M. 1493 Conigliaro, G. 2835 Conijn, C. G. M. 2694 Conkerton, E. J. 1069 Conn, K. L. 5986, 8148 Connell, J. P. 7357 Conner, R. L. 772, 1302, 8199 Connick, W. J., Jr. 650, 4616, 5224, 5237 Conrads-Strauch, J. 2335 Constable, D. C. 512, 517, 520-523 Constantinidou, H. A. 3641 Contesini, A. 6927 Conti, M. 853 Contreras, R. H. 1542 Converse, R. H. 918, 3453, Convert, O. 7062 Conway, K. E. 2910, 3674 Conway, W. S. 5756 Cook, C. G. 1380

Cook, D. 3731, 7018 Cook, I. O. 8093 Cook, K. 6987 Cook, M. E. 193 Cook, R. J. 730, 1507, 2594, Cook, R. J. 730, 1507, 2594, 6181, 6252, 7426, 7442 Cooke, A. W. 4277 Cooke, B. M. 7526 Cooke, D. T. 1144 Cooke, L. R. 6726 Cooke, R. 240 Cooke, R. C. 3032, 7409, 8140 Cookman, G. P. 6548 Cooksey, D. A. 510, 1435, 2706 2700 Coolbaugh, R. C. 1728, 7170 Cooley, M. B. 3720 Cooley, R. N. 7495 Coombs, J. 7034 Coon, S. 3744 Cooper, J. I. 359, 7359 Cooper, N. K. 2634 Cooper, R. M. 2750, 3096 Coors, J. G. 795 Coosemans, J. 3868 Coplin, D. L. 4647 Coplin, D. L. 4647 Corbaz, R. 3034 Corcia, A. di 7043 Corcuera, L. J. 4048 Cordell, C. E. 7107 Cordewener, J. H. G. 8026 Cordovés, M. M. 1524 Corea, F. J. 3624 Coremans-Pelseneer, J. 5306 Corfixen, P. 2263 Cormis, L. de 7061 Cornaggia, D. 3372 Cornaggia, D. 3372 Cornelissen, B. J. C. 2229, 5055, 6407, 7416, 7975 Cornish, M. C. 6259 Corotto, L. 2450 Corrales, M. P. 8189 Correll, J. C. 5957, 6028, 6828 Corsini, D. L. 2872 Cortes, E. 2194 Cortes, J. I. 5787 Cortes, J. I. 5787 Cortés-Monllor, A. 1930 Cortiello, M. 2892 Cosio, E. G. 610, 2371 Cosper, J. W. 3069 Cossu, M. E. 7738 Costa, A. S. 1264 Costa, C. P. da 3679 Costa, W. M. da 5683 Costa e Silva O. da 3108 Costa e Silva, O. da 3108 Costa e Silva, O. da 3108 Coste, C. M. 102 Coston, D. C. 432 Cote, E. 7760 Cother, E. J. 16 Cotterill, P. J. 5581 Cotty, P. J. 1145, 3319, 4162, 6136 Coulaud, D. 5430 Coulman, B. E. 2120 Courcel, A. G. L. de 1466 Courtpozanis, A. 4320 Cousin, M. T. 718 Couteaudier, Y. 1211, 5697 Coutts, R. H. A. 1626, 3943, 5491-5492, 7328, 8127 Couvreur, C. 3346 Coval, S. J. 1979, 3419, 7183, 7822 Coulaud, D. 5430 Coveney, D. 4727 Covey, R. 898 Covey, R. 898 Covey, R. P. 1408, 1410, 3413 Cowling, W. 1404 Cox, G. S. 1183 Cox, J. 6670 Cox, P. G. 6545 Cox, R. H. 2092 Coyne, D. P. 1600, 3007-3008 Crabtree, K. 1233 Coyne, D. P. 1600, 30 Crabtree, K. 1233 Craft, C. M. 4917 Craig, G. D. 8182 Craig, J. 6605 Craig, J. O. 4127 Crang, R. E. 2271 Craw, P. A. 5953 Crawford, D. L. 7105

Crawford, J. 1207 Creber, G. T. 2934 Creoer, G. 1. 2934 Crécy-Lagard, V. de 7028 Credi, R. 5809 Creemers, P. 4260, 6621 Creighton, N. F. 1939 Creissen, G. P. 5534 Creissen, G. P. 5534 Cremisini, C. 5272 Cressman, R. 1458 Crews, J. L. R. 2338 Cribb, D. M. 3993 Crill, J. P. 4374 Crinò, P. 4571, 7921 Crinò, P. 4571, 7921
Criseo, G. 277
Cristani, C. 6929
Cristea, G. 5172
Cristinzio, G. 2404, 2406
Crocker, R. L. 401
Cromack, K. 7101
Cromack, K., Jr. 3569, 4465, 4693, 6800, 7112, 7114
Crombie, D. S. 5071
Crombie, L. 7539
Crosby, J. A. 7769
Crosby, K. E. 6256
Crosier, D. 8132
Crossland, N. O. 6228 Crossland, N. O. 6228
Croteau, R. B. 2846
Crous, P. W. 3558, 5072, 6802, 8083
Crowe, A. S. 5281
Crowley, M. 6006
Cruickshank, I. A. M. 6756
Cruickshank, R. H. 220, 1220
Crute, I. R. 601, 8289
Cruz, C. 727
Cruz, R. E. de la 4707
Cruz, S. J. C. 7127
Cserháti, T. 6282
Csinos, A. S. 1074, 1617, 5044, 6892, 8218
Csizinszky, A. A. 6780 Crossland, N. O. 6228 Csizinszky, A. A. 6780 Csuták, J. 47 Cuartero Zueco, J. 5207 Cudlin, P. 1747, 1750, 7136 Cudney, D. W. 871 Cui, C. Q. 1815 Cui, P. F. 3311 Cui, W. H. 7029 Cui, W. H. 7029
Culbreath, A. K. 3645, 3647, 5044, 8218
Cullis, B. R. 2132
Culshaw, F. A. 3977
Culver, J. N. 617, 4772
Cummings, N. E. 3079
Cummins, J. N. 4220
Cuñat, P. 6538
Cunfer, B. M. 3708, 6388
Cunningham, J. E. 1890
Cunningham, J. E. 1890
Cunningham, P. C. 7516
Cuppels, D. A. 3550, 7019
Cupperi, L. 6822
Cunull Santana, R. 7210 Cupperi, L. 6822 Cupull Santana, R. 7210 Cura, V. 2341 Curl, E. A. 7217 Currah, R. S. 177-178, 6335 Curris, R. W. 3169 Curtis, S. E. 1816 Curtiss, B. 6799 Cutler, H. G. 2092 Czernilofsky, A. P. 1936 Czernilofsky, A. P. 1936 Czerwińska, E. 4825 Czerwinski, E. J. 515 Czosnek, H. 2241, 4368 Czuba, S. 437 Czygan, F. C. 5960 Da Câmara Machado, A. 3204, 7348 Da Câmara Machado, M. L. 7348 Da Graca, J. V. 5667 Da Silva, P. 3818 Da Silva, R. L. 6125 Da Silva, R. E. 6123 Da Silva e Mota, J. W. 3973 Da Silva Romeiro, R. 6760 Daamen, R. A. 762-763, 3243, 3245 Dabash, T. S. 3035 Dabash, A. J. 2147

Dadwal, V. S. 4443 Daelemans, A. 4486, 4558 Daft, M. J. 3142, 4714, 7124 Dagan, E. 2838 D'Agostino, G. 853 Dahal, G. 2018 Dahan, R. 5914 Dahiya, J. S. 1622 Dahlberg, A. 3811
Dai, X. Y. 14
Dai, Y. C. 2525
Dai, Y. S. 2280
Daigle, D. J. 650, 1069, 5224, 6136 Dainello, F. J. 1024 Daivasikamani, S. 2682 Dake, G. N. 7881, 7891 Dakshinamoorthy, T. 2011 Dakwa, J. T. 268, 271 Dal Bello, G. M. 7213, 7895 Dalal, S. 149 Dalar, S. 149
Dalcero, A. 2174
Dale, E. M. 1674-1675
Dale, M. L. 5190
Daley, P. F. 647
Daljit Singh 1098 Dalkin, K. 1400 Dall, D. J. 7311 Dall, D. J. 7311
Dally, E. L. 717, 858
Dalmay, T. 1916
Dalpé, Y. 1782, 1795, 1797, 3185, 6334
Dam, R. 5160
Damann, K. E. 5902
D'Ambrosio, C. 2404
Damian, V. 7410
Damicone, J. P. 3637
Damm, E. 68
Dammer, K. H. 3285, 5669
Damoglou, A. P. 7431 Damoglou, A. P. 7431 Damsteegt, V. D. 1062, 1603, Dan, N. T. 6883 Danchin, A. 7028
Dandekar, A. M. 2282, 7784
Dandnaik, B. P. 6099
Dandurand, L. M. 5153
Dang, J. K. 2654
Dange, S. R. S. 4301
Daniel, G. 2307-2308
Daniel, S. 8258-8259
Daniels, A. 4027-4028, 6469
Daniels, M. J. 24, 2335, 6007, 6212, 6488, 6831
Danielson, R. M. 3797, 4703, 5329, 7092
Danilova, M. F. 2271 Danchin, A. 7028 Danilova, M. F. 2271 Dankers, W. 511, 6814 Danòs, E. 7656 Danthinne, X. 3920
Dantzig, A. H. 4732
D'Aquilio, M. 849
Daquioag, R. D. 816
Darakov, O. B. 7203
Darbyshire, S. J. 3185
D'Arcy, C. J. 317, 1315, 1901
D'Arcy-Lameta, A. 8007
Darmono, T. W. 5848
Darrall, N. M. 4050
Dart, P. J. 8251
Das, A. 5254, 6367
Das, A. K. 1215, 1874, 2520
Das, B. C. 5662, 5676, 7640
Das, N. D. 2171, 4997
Das, P. 4353
Das, S. 1468 Danthinne, X. 3920 Das, S. 1468 Das, S. N. 1342, 1351 Das, T. P. M. 5845 Dasgupta, B. 2169, 7861 Dasgupta, B. 2169, 7861 Dasgupta, I. 4875 Dasgupta, M. K. 7301 Dasgupta, S. N. 5419 Dash, A. N. 5892 Dash, S. K. 5586 Dashiell, K. E. 4549, 6881 Datar, V. V. 972, 4552, 4978, 5212, 5925, 6127 Dath, A. P. 4110 Datnoff, L. E. 1088, 4586-4587, 6518 Datta, D. K. 1618

Datta, K. 1217, 1849 Daubèze, A. M. 2412, 3039, 3044 Daudi, A. T. 8279 Daugrois, J. H. 4540 D'Auro, M. 6645 Davalos G., P. 5782 Dave, B. 4141 Davet, P. 8290 Davey, R. A. 1195 Davi, R. 3123, 6836, 6850, 6933 6933 David, J. C. 1227 Davidenko, M. V. 8100 Davidson, A. 3912 Davidson, A. D. 3933, 4788 Davidson, J. I., Jr. 1073 Davies, C. 5477 Davies, D. L. 3331 Davies, E. T. Ir. 1786, 4705 Davies, F. T., Jr. 1786, 4705, 6299 Davies, H. I. 8069 Davies, J. M. L. 6919 Davies, J. W. 253, 4875, 5496 Davino, M. 6939 Davis, D. W. 1994 Davis, J. M. 6748, 6755 Davis, J. R. 2872, 5880, 7913 Davis, J. W. 6434 Davis, J. W. 6434
Davis, R. D. 6616
Davis, R. E. 717, 858, 1919, 2439, 2556, 3536, 3717, 5500, 6493
Davis, R. F. 2135
Davis, R. M. 2680, 4506, 5142, 6502, 6918
Davison, A. W. 8088
Davison, E. M. 5951, 8066
Davydenko, O. G. 6474
Davydova, E. P. 7172
Dawa, T. 2386 Davya, E. P. 7772
Dawa, T. 2386
Dawar, S. 7878
Dawson, C. 2447
Dawson, W. D. 7346
Dawson, W. O. 4772, 7312 Dawson, W. O. 4772, 7312 Day, J. L. 6495 Day, K. E. 3775 Dayal, R. 6 Dayal, S. 5642, 5823 Dayan, A. D. 6234 Daykin, M. E. 917 De, D. K. 5874 De Almeida, L. C. C. 3972 De Avila, A. C. 1384, 6118, 7379 7379 De Barsy, T. 4598 De Blank, C. M. 5468 De Boer, R. F. 3951, 6266 De Boer, S. 2448 De Boer, S. H. 4334, 5889 De Bokx, J. A. 5008 De Bruin, D. J. 1454 De Bruin, D. J. 1454 De Bruyne, E. 6354 De Cal, A. 431 De Cicco, V. 5674 De Clercq, R. 3787 De Cock, A. W. A. M 6121 De Cormis, L. 7061 De Costa, C. P. 3679 De Courcel, A. G. L. 1466 De Crécy-Lagard, V. 7028 De Figueiredo, J. M. 3972 De Fraine, P. J. 5287 De Franqueville, H. 7906 De Geus, P. 1203 De Geus, P. 1203 De Goes, A. 6682 De Goes, A. 6682 De Gómex, V. 4147 De Gomez, S. C. 194 De Greef, J. 6115 De Greef, M. 3102, 4648 De Greeff, R. J. M. 2694 De Gruyter, J. 7290 De Guzman, E. D. 8038 De Haan, P. 7369 De Hoog, G. H. 218 De Hoog, G. S. 5426 De Jong, M. D. 8336 De Klerk, C. A. 927 De la Cruz, R. E. 4707 De Luca, C. 1800

De Luca, V. 1269
De Martin, Z. J. 4956
De Martino, A. 2261
De Melo, I. S. 3679
De Milliano, W. A. J. 1358, 3297, 3299, 7574
De Munk, W. J. 2693
De Napoli, L. 3109
De O. Resende, R. 7379
De Oliveira, J. R. S. 6125 De Oliveira, J. R. S. 6125 De Pace, C. 7444 De Pava, O. V. 4726 De Peña, M. 4147 De Quelen, F. 3594 De Rooy, M. 2694 De Rooy, M. 2694
De Shinoda, R. N. B. 3568
De Souza, S. M. 1546
De Souza, V. B. V. 3323, 3678
De Souza-Dias, J. A. C. 1264
De Soyza, T. V. W. 5028
De Stigter, H. C. M. 2720
De Tapia, M. 4534, 7385
De Vries, J. N. 1632
De Waard, M. A. 3314
De Wael, L. 3102, 4648
De Wit, P. J. G. M. 1476, 5055 5055 De Witte, Y. 2720, 6593 De Wolf, J. 3746 De Zoeten, G. A. 7309 De Zubrzycki, A. D. 5666, 5681 Deacon, J. W. 60, 3901, 7223 Deadman, M. L. 7526 Deakin, W. 7005 Dean, J. F. D. 7990 DeAngelis, J. D. 5825 Deans, J. D. 4475 Deardorff, D. 2066, 2085 Deardorff, D. 2066, 2085 Debelyi, G. A. 2736, 4934 Debener, T. 7918 Debost, M. 267 Debouche, C. 3747 DeChaine, D. A. 1127 Deckers, T. 2752, 3071, 3414, 4244, 4958 Declerge R. 7037 Deckers, T. 2752, 3071, 3414
4244, 4958
Declercq, B. 7037
Dědič, P. 2243, 3539
Dedich, P. 6719
Dedryver, C. A. 3354
Deep, I. W. 7553
Deeter, J. B. 46
Défago, G. 2515, 5910
Defelice, M. S. 4925
Dehn, B. 5345
Dehn, B. 5345
Dehne, H. W. 1776
Deighton, F. C. 1223
Deimel, H. 5600
Deinzer, M. L. 5763
Deising, H. 3632
Deiveekasundaram, M. 7646
DeJonckheere, W. 1710
Dejong, W. 7340
Dekegel, D. 3590
Dekker, E. L. 707
Dekker, J. 34, 5442
Del Carmen Reyes, M. 3117
Del Serrone, P. 6134
Delaruelle, C. 1173
Delaunay, G. 1395
Delbos, R. 246, 3206
Delbos, R. 95495
Delen, N. 1394
Delgadillo Sanchez, F. 5513, 6016-6017 Delgadillo Sanchez, F. 5513, 6016-6017 Delgado, A. I. 1532 Delgado Ponce, J. C. 5679 Dell, B. 80, 1164, 2483 Della Torre, G. 7982 Dellaert, L. M. W. 4541 Dellagiacoma, F. 1482 Dellos L. E. 6280 Dellagiacoma, F. 1482 Dellar, J. E. 6259 Dellavalle, G. 3623 Dellavalle Fedi, I. 3560 Delliou, B. Le 5156 Delmotte, F. 2453 Delon, R. 2889, 6749, 7981 Delorme, L. 4453 Delwiche, P. A. 1402 Demir, G. 1419, 3232 Demler, S. A. 7354

Dempo, H. 2322
Demski, J. W. 1068-1069, 4554, 5044, 6887, 8218
Den Ouden, H. 7914
Denecke, W. 736
Deng, Q. 4464
Deng, S. 5498, 7394
Deng, S. J. 4405, 5499
Deng, T. C. 960, 3525, 4319, 7414, 7549
Deng, Z. P. 1896
Dengler, K. 561
Denisova, L. V. 6473
Denmark, Statens Planteavl-sforsøg 4625 sforsøg 4625 Denmark, Statsfrøkontrollen 2432 Denny, T. P. 2236 Dentan, E. 4144-4146 Dentan, E. 4144-4146 Deodikar, G. B. 290 Deogratias, J. M. 2800 Deol, N. S. 1104-1105 Deom, C. M. 3533 Depestre, T. 2407 Depierreux, C. 2453 Deransart, C. 5323 Dercks, W. 6461 D'Ercole, N. 6645, 6708 Dereie Gorfu 1060 Dereje Gorfu 1060 Derevyagina, M. K. 7928 Deris, N. M. 6911 Derks, A. F. L. M. 845, 863-864, 2693-2694, 5463, 6570 Dernoeden, P. H. 872, 6604 Derrick, K. S. 5667 Désaulniers, G. 1501 Désaulniers, N. L. 1806, 1966 Desaulniers, N. L. 1806, 196 Descalzo, R. C. 1044 Desevedavy, C. 3753 Deshayes, A. 706 Deshpande, K. S. 7400 Desilets, H. 3343 Desjardins, A. E. 196, 4725, 5882 Despreaux, D. 267 Desprez, M. 4487 Desprez-Loustau, M. L. 5102 Dessouky, S. M. 2311 Dessureault, M. 5067 Desvignes, J. C. 2743, 3372, 3439 3439
Deusen, R. A. van 3217
Deutsch, P. 260
Dev, U. 6699, 8212
Devadas, V. S. 5845
Devaraj, G. 5893
Devaux, A. 2001
DeVay, J. E. 4207, 6953, 7228, 7230
Deverall, B. J. 4007, 7670
Deverage J. C. 366 Devergne, J. C. 366 Devey, J. P. 6727 Devi, G. U. 140 Devi, P. S. 1613 Device M. 4371 Devik, R. 3. 1613 Devika, M. 4371 Devika, R. 1363 Devy, J. P. 6447 Devys, M. 197 Devys, M. 197 Dewar, A. 1022 Dewar, K. 8062 Dewey, F. M. 227 Dewey, M. 5247 Dewitt, N. 717 DeWitt, N. D. 1919 Devheimer, J. 1168 DeWitt, N. D. 1919
Dexheimer, J. 1168, 1783, 1792, 5321
Dey, S. C. 5662, 7640
Dey, S. K. 321, 796, 6499
Dezman, D. J. 830
Dhaliwal, H. S. 1940, 4807, 4810, 5572, 6440, 6458, 7486, 7491, 8254
Dhanak, D. 5289
Dhanbir Singh 5753-5754, 5759 5759 Dhara, P. K. 1436 Dharam Singh 2355, 6519 Dharam Vir 8225 Dhawan, P. 6938

Dhedhi, B. M. 8273-8275 Dhillion, S. S. 3819 Dhillon, B. S. 6499 Dhillon, M. 624, 1071, 6076, 6078 Dhiman, J. S. 5717 Dhingra, A. K. 6247 Dhirendra Mishra 6084 Dhirendra Misra 7056 Dhitaphichit, P. 5532 Dhrub Singh 5805, 7669 Di Corcia, A. 7043 Di Franco, A. 6767 Di Franco, A. 6767
Di Graziano, M. 2835
Di Marco, S. 6836
Di San Lio, G. M. 6666
Di Terlizzi, B. 2823
Di Tonno, A. P. 5716
Dia, Y. S. 1020
Diab, M. M. 4272, 4561
Diagne, O. 3795
Diana, G. 2817
Diatloff, A. 5706
Díaz, M. 6737, 6740, 7959
Díaz Borrás, M. A. 2039
Díaz Franco, A. 5623, 5627, 6050 6050 Díaz-Múgica, M. V. 6118 Díaz-Ruíz, J. R. 713, 1469, Díaz Zorrilla, U. 5679 Dich, J. 5308
Dick, A. M. P. 8095
Dick, M. W. 1195, 1870,
2519, 7164 Dickens, J. S. W. 2316, 8125 Dickerson, A. G. 1595 Dickey, R. S. 372, 3717 Dickler, E. 4629 Dickler, E. 4629
Dickman, M. B. 5160, 6375
Didenko, L. F. 7377
Didierjean, L. 4534
Diebel, K. E. 6811
Diederichs, C. 1773
Diekman, M. A. 2003
Diem, H. G. 1175, 3795
Dienelt, M. M. 371
Diener, T. O. 245, 4757, 8000
Dietrich, A. 2403
Dietrich, R. 2583
Dietrich, W. 3182-3183
Dietrichson, J. 1543 Dietrichson, J. 1543 Dietzgen, R. G. 3926, 6842, 7375 Díez, B. 4734 Dighe, S. 3903 Dighton, J. 7109, 7232 Dijk, E. 3147 Dijk, E. van 5126 Dijke, J. F. van 2760 Dijkstra, J. 863, 1905 Dijst, G. 951 Dik, A. J. 4019 Dilip Monga 4357-4358, 4361-4362, 6759 4362, 6759
Dill-Macky, R. 1975, 7521
Dillard, H. R. 791-792, 8330
Dilley, M. A. 1410
Dillon, M. P. 5288
Dimitri, L. 4467
Dimitrova, A. 7091
Dimova-Aziz, M. 3376
Dinesh, L. G. 326
Dinesh Kumar 6992
Ding, D. M. 5668, 7381 Dinesh Kumar 6992
Ding, D. M. 5668, 7381
Ding, L. P. 1312
Ding, S. W. 1271, 7363
Ding, X. S. 4524
Ding, Z. M. 2963
Dinkova, Kh. 2785
Dinoor, A. 1283, 3246, 7517
Dion, P. 1668, 2507
Diop-Bruckler, M. 3969
Dios, C. G. 4673
DiPaola, J. M. 7734
Diriwächter, G. 5885
Disthaporn, S. 7591
Dittapongpitch, V. 6210 Distinaporn, S. 7591 Dittapongpitch, V. 6210 Dittmer, U. 703 Dittrich, P. 5116 Diwakar, M. C. 2023

Dixon, G. R. 1579-1580 Dixon, K. W. 2086 Dixon, R. A. 1400, 4537-4538, 4641, 5051, 7756, 8190 Dixon, R. K. 1183 Dixon, W. N. 8099 Dixon, W. N. 8099
Dizengremel, P. 80
Djatnika, I. 8146
Djerbi, M. 5007
Djiekpor, E. 5494
Dlott, J. W. 4983
Dmitriev, A. 6917
Dmitriev, A. P. 57, 636, 1636, 2635, 3033
Dmitrieva, O. M. 8013 Dmitrieva, O. M. 8013 Dmuchowski, W. 6807 Do, E. S. 3855 Do Passo, J. E. 4155 Doares, S. H. 6202 Döbereiner, J. 5348 Dobhal, V. K. 4358 Dobiáš, K. 2209 Dobrov, E. N. 238, 6417 Dobson, R. 7603-7604 Dobson, S. 6229 Dodan, D. S. 2027, 4106 Dodd, J. 174 Dodd, J. C. 175 Dodds, J. A. 1040, 1254, 3532, 5665, 6413 Dodds, J. H. 469 Dodds, J. H. 469
Doerner, P. W. 4538
Dohmen, G. P. 2961
Dohroo, N. P. 933, 5140, 6711, 7882, 7885
Doi, Y. 4912
Doke, N. 2510, 3306, 6527, 7631 7631 Dokudovskaya, N. A. 7746 Dolan, A. 2143 Dolejs, K. 7245-7246 Dolgova, A. V. 5361, 7209 Dolgova, E. M. 5838 Dolja, V. V. 1906, 3945, 5462, 5475, 7356 Dollet, M. 5430, 6426 Dolotovskii, I. M. 5527, 7446. Dolotovskii, I. M. 5527, 7446, 7493 Dolyagin, A. B. 7934 Domingues, E. T. 4269-4270 Domínguez, J. B. 1823 Domir, S. C. 537, 983, 8061 Donaldson, J. F. 7733 Donaldson, R. 6006 Donati, D. 6619 Donèche, B. 7850 Donegan, K. 4643 Doney, D. L. 5124 Dong, Y. C. 3244 Dong, Y. S. 2592 Dong, Z. R. 3837 Dong, Z. R. 3837 Donndelinger, C. R. 840 Donnelly, D. M. X. 188, 4727 Donnelly, P. K. 7114 Donovan, T. M. 5288 Dons, J. J. M. 1478, 8026 Doon, Y. 6678 Doorn, J. van 2693 Doorn, W. G. van 2720, 6593 Doorn J. van 6570 Doornik, A. W. 2694, 6571-6572 Dop, H. van 2 Döpke, F. 2882 Döpke, F. 2882
Doraisamy, S. 8207
Dore, I. 707, 3201
Dore, J. M. 241, 5463
Dörfelt, H. 2449, 4745
Dörfler, C. 5420-5421
Dori, S. 3986
Döring, U. 4773
Dorna, H. 6865
Dorner, J. W. 1073, 6077
Doroshenko, N. V. 7455
Dorosiev, L. 5036
Dorossiev, L. 5036
Doruchowski, R. W. 4512
Dorworth, C. E. 3065, 8053, 8080 8080 Dosba, F. 2800, 3208, 3445

Doss, D. D. 2503 Doss, M. C. 6149 Doss, R. P. 3341 Dosskey, M. G. 4691 Doster, M. A. 4323 Douault, P. 7873 Doucet, I. 4909 Doudrick, R. L. 671, 1758 Douds, D. D., Jr. 1770, 5335 Dougherty, W. G. 4771, 7339 Doughty, K. J. 8150 Douglas, S. M. 717, 858 Douglas, S. M. 717, 858
Douira, A. 8024
Douville, Y. 5728
Dover, P. A. 4017
Dovgan', V. N. 1293
Dow, J. M. 24, 2335, 6007, 6212, 6488
Dow, W. C. 45
Dowding, P. 6970
Dowell, F. E. 1073
Dowler, C. C. 1707 Dowler, C. C. 1707 Dowley, L. J. 7923 Downey, S. S. 6646 Doyle, A. 305 Dragland, S. 1036 Dragiand, S. 1036 Dragoiski, K. 2785 Drake, R. J. 2806 Dreher, T. W. 2549 Dreier, M. 3745 Dreikorn, B. A. 46 Dreiseitl, A. 781, 7519 Drenkard, S. 5118 Drenkard, S. 5118
Drenth, H. 4795
Drepper, W. J. 1345
Driel, L. van 5769
Drijepondt, S. C. 1288-1289, 4008, 6456
Droby, S. 5503
Drolet, M. 5251 Drolsom, P. N. 795 Drury, M. 7743 Druškovič, B. 2303 Dry, P. 2832 D'Souza, M. C. 2772 D'Souza, M. R. 3720 Du Plessis, D. H. 1254 Du Plessis, H. J. 908 Duan, C. H. 4293, 7806 Duan, L. X. 6895 Duan, Y. J. 2660 Duarte, A. 1524 Duarte da Silva, T. 6760 Dube, H. C. 3732, 5402 Dube, H. C. 3/32, 3402 Dube, S. 5588 Dube, V. P. 3670 Dubey, G. S. 6698 Dubey, L. N. 5676 Dubey, N. K. 3738 Dubey, R. C. 460, 1825 Dubey, R. K. 221 Dubinina, L. A. 4809 Dubinina, L. V. 4805 Dubinina, L. V. 4805 Dubourdieu, D. 4289 Dubovoi, V. I. 4815 Dubs, M. C. 5469 Ducamp, M. 116 Ducelier, D. 920 Duchesne, L. C. 3158, 5069, 6307, 6789, 8063 Ducousso, M. 94 Ducrot, V. 2802 Duczek, I. J. 5533 Duczek, L. J. 5533 Dudka, I. A. 7244 Dudler, R. 4016 Dudler, R. 4016 Dueck, T. A. 93 Duff, J. 5709 Duffus, J. E. 715, 1100, 3537 Düggelin, M. 7044 Duguet, J. P. 4679 Duhan, J. C. 8139 Duineveld, T. L. J. 2694 Duke, S. O. 7068 Dullahide, S. R. 3769 Dulme, W. 1561 Dumroese, R. K. 4434, 4440 Duncan, G. H. 7353 Duncan, G. H. 7353 Duncan, J. M. 6661 Duncan, R. 4140

Dunez, J. 246, 257-258, 907, 1907, 2555, 3197, 3206, 3439, 3441, 5472, 5495 Dunger, I. 3181 Dunhill, R. H. 3771 Duniec, J. 180, 7297 Dunigan, D. D. 1899 Dunkl, M. 2954 Dunkle, L. D. 3290-3291, 6506 6506
Dunlop, R. W. 3272
Dunn, J. P. 2927
Dunn, P. E. 6150
Dunne, B. 7516
Dunne, R. 3687
Dunoyer, C. 1935
Dunsmore, K. M. 5528
Dunstan, R. H. 3768
Dunwell, W. C. 8073
Duponnois, R. 1752, 5317
Durai, P. S. S. 6149 Dupoliliois, R. 1732, Durai, P. S. S. 6149 Durairaj, F. 7642 Durairaj, P. 7641 Duraković, S. 1147 Durall, D. M. 2486, 4690, 5318 Durán-Vila, N. 1372, 2672-2673 Durand, D. P. 3217, 6876, 7324 Durand, N. 5322 Duriat, A. S. 2192 Durniok, B. 7348 Duron, M. 4215 Durynina, E. 5337 Durynina, E. P. 4307, 7221 Durzan, D. J. 2282 Dusi, A. N. 1384 Dušk, A. N. 1384 Dušková, E. 2089 Duso, C. 5306 Duthie, J. A. 5729 Dutta, G. C. 8277 Dutta, G. R. 5847 Dutta, P. 7126, 7970-7971 Dutta Ray, S. K. 3493 Dutta Ray, S. K. 3493 Duttamajumder, S. K. 4346, 5270, 7027 Dutton, M. 5370 Dutzmann, S. 735 Duveiller, E. 775, 2032, 4037 Duvert, P. 83 Duwayri, M. 1946 Dvořák, J. 2605 Dwelle, R. B. 2859 Dwivedi, A. 151 Dwivedi, R. 474, 1719, 1724, Dwivedi, R. S. 786-787, 1825, 2667, 7226, 7629
Dwivedi, S. K. 44, 4671, 4671
Dwivedi, S. L. 6887
Dwivedi, S. L. 6887 Dwivedi, S. N. 2383, 6091 Dwiwarni, I. 932 D'yachenko, A. I. 57 D'yakov, Yu. T. 2559, 5361, 7190, 7928 Dyck, P. L. 747, 1948, 3255 Dyer, A. T. 8054 Dyer, P. S. 1592 Dyer, S. K. 6893 Dymchenko, A. M. 4803 Dymina, E. V. 6450 Dzantiev, B. B. 3219 Dzhavakhiya, V. G. 7192, 7610 Dzholdasova, K. B. 7684 Dzhuraeva, L. M. 2902 Dzięgło, A. 2613 Dzohldasova, K. M. 349 Eagles, R. M. 5483 Eagling, D. R. 4188, 5719 Eaks, I. L. 2671 Eamus, D. 1566-1567, 8088 Earle, E. D. 323 East, J. 4017 East, J. 4017 Eastburn, D. 2330 Easton, G. D. 2878 Eastwood, D. 7956 Eav, B. B. 527 Ebel, B. 2957 Ebel, J. 610, 2371

Ebelhar, M. W. 5687 Ebenau-Jehle, C. 1608 Ebing, W. 27, 5280 Eble, E. 7564 Ebrahim-Nesbat, F. 3622, 5081, 5583, 7428 Ebsary, B. A. 5769 Echandi, E. 5878-5879 Echávez-Badel, R. 7964 Echavez-Badel, R. 7964 Echevarría, E. 1532 Echeverri, J. H. 2049 Eckerlein, B. 5420 Eckert, J. W. 2671, 2676 Edathil, T. T. 3523-3524, 7950-7951 Eden-Green, S. J. 2164, 4273 Edgington, L. V. 5923 Edison, S. 7881 Edmunds, J. I. 419 Edmunds, J. 1. 419 Edreva, A. 6751 Edwards, C. A. 6164 Edwards, G. S. 1554 Edwards, I. R. 7167 Edwards, M. C. 2235 Edwards, M. J. 3891 Edwards, M. L. 7359 Edwards, N. T. 5106-5107, 5962 Edwards, R. 4537 Edwardson, J. R. 386, 3369-3370 Eerden, L. J. van der 93 Eeuwijk, F. A. van 4033 Efimenko, N. M. 7221 Effurweywere, B. J. O. 6776 Efthimiadis, P. 279 Égamberdiev, A. 4905, 7683 Egel, D. S. 6539 Egge, H. 3149, 3758 Eggen, R. 5186-5187 Egger, B. 5961 Egger, B. 5961 Egger, K. N. 120, 7092 Egorov, A. M. 3219 Eguagie, W. E. 2562 Ehara, Y. 256, 3921, 6745 Ehimidu, J. 1637 Ehlee, H. 735 Ehlers, U. 8121 Ehlers, U. 8121 Ehret, D. L. 3611, 4515 Ehret, G. R. 4234 Ehrig, F. 2764, 2971 Ehteshamul-Haque, S. 7413 Eichenberger, W. 8047 Eichenlaub, R. 1678 Eichhorn, K. 929 Eichhorn, K. W. 2454, 3860 Eichmann, E. 2758 Eicker, A. 2532, 3031 Eid, S. A. 2893 Eiden, R. 2962 Eijk, J. P. van 2722, 6581, 6594 Eikelboom, W. 2722, 6581, 6594 Eilert, U. 1269 Eilert, U. 1209 Einhorn, G. 5992 Einig, W. 5961 Eisa, H. A. 2053, 2060 Eisbein, K. 5978 Eisele-Walter, S. 3919 Eisenhauer, D. R. 4415 Eisenmann, T. 2951 Ek, H. 111 Eke, D. 1521 Eke, D. 1521 Eklund, G. 5308 Ekwamu, A. 7584 El-Abyad, M. S. 5053, 5975 El-Ahdal, A. M. E. 2548 El-Ala, A. M. A. 4184 El-Bahadli, A. H. 4315 El-Bardicy, M. G. 6263 El-Deeb, A. A. 1981-1984, 4184 4184 El-Fangary, I. M. 2644 El-Fotouh, E. A. 4241 El-Gholl, N. E. 2716, 2721 El-Gindy, A. A. 2166 El-Goorani, M. A. 4249 El-Hassouni, M. 1683 El-Hoda, A. H. N. 4240

El-Hosary, A. A. 1064 El-Kady, I. A. 5163 El-Kazzaz, A. 8161 El-Kazzaz, M. K. 4490 El-Kewey, S. A. 4490 El-Khadem, M. 1075 El-Khadem, M. M. 4161 El-Kholi, M. 5132 El-Mahjoub, M. 5023 El-Maraghy, S. S. M. 5163 El-Masry, H. G. 6343 El-Masry, M. H. 3726 El-Morshidy, M. A. 1318 El-Nagar, M. A. A. 4561 El-Nagar, M. A. A. 4561 El-Nagdy, M. A. 6353 El-Naghy, M. A. 2690 El-Nashar, F. K. 1980 El-Nasr, A. M. A. 7957 El-Nasr, H. I. S. 4272, 4561 El-Nasr, S. 3415 El-Nemr, F. 336 El-Said, S. A. 1. 4561 El-Said, S. A. 1. 4561 El-Said, S. I. A. 4272 El-Shafey, H. A. 2644 El-Shamy, S. M. R. 2712 El-Shazley, A. M. 6199 El-Shafey, H. A. 2644
El-Shamy, S. M. R. 2712
El-Shazley, A. M. 6199
El-Shehaby, A. I. 3035
El-Sherif, A. G. 6763
El-Yamani, T. 4591
El-Zahaby, H. M. M. 4490
El-Zik, K. M. 1380, 4903
Elad, Y. 2994, 5702, 7399
Elahinia, S. A. 758
Elborne, S. A. 2926
Elena, K. 3952
Elfving, D. C. 3403
Elgersma, D. M. 8012
Elian, M. I. 1981-1984
Elias, K. S. 3543
Elissalde, M. H. 2687
Elkins, N. R. 1153
Ellert, K. I. 5372, 7430
Ellett, C. W. 2719
Elliot, G. S. 7167
Elliott, H. J. 8055
Elliott, J. 7297
Elliott, A. 8
Elliott, J. 7297
Elliott, M. L. 3355
Elliott, M. S. 388, 392, 3655
Ellis, M. A. 262, 2803, 3454-3455, 4975, 5445, 6668
Ellis, P. R. 6834
Ellis, P. R. 6834
Ellis, P. R. 6834
Ellis, N. W. 4827, 6470
Ellison, F. W. 4827, 6470
Ellison, N. 384
Ellison, P. J. 2132 Ellison, N. 384 Ellison, P. J. 2132 Elliston, K. O. 4056 Elliston, K. O. 4056 Elmeamar, A. 8301 Elmer, J. S. 7383 Elmer, W. H. 638, 1094 Elmore, C. L. 870-871, 6953 Elsherif, M. 1314 Elstner, E. F. 5680 Elwakil, M. A. 6763 Elzen, P. J. M. van den 7416 Emechebe, A. M. 5841 Emeklller, H. Y. 6906 Emerson, E. L. 7307 Emiliani, G. 6836, 6850, 6933 Emiliani, G. 6836, 6850, 6933 Emmelo, J. van 3911, 3920 Emmett, R. W. 2826-2827, Emmett, R. W. 2826-2837, 5677
Emond, F. J. 1484
Enard, C. 4187
Enders, C. 3981
Endo, N. 7634
Endo, R. M. 871, 873
Endó, T. 3792, 7077 Endoh, H. 1676 Endoh, H. 1676 Enebak, S. A. 1497, 4466 Engel, R. 3328 Engel, R. E. 5584 Engelbrecht, D. J. 2156, 2824 Engelbrecht, S. la G. 1463 Engelke, M. C. 401 Engelkes, C. A. 1994 Englebrecht, M. C. 1463 English, H. 5768 English, J. 2082 Enisz, J. 7059 Ennos, R. A. 5104 Enríquez, G. A. 272, 274 Entry, J. A. 3569, 4465, 4693, 6800, 7101, 7114 Entwistle, A. R. 5452 Entz, M. H. 278 Enzian, S. 5242 Eom, A. H. 1765 Eppler, A. 4298 Eom, A. H. 1765 Eppler, A. 4298 Epstein, L. 2352, 2908 Epton, H. A. S. 2063, 3104-3105, 3417, 4179 Erb, W. A. 1472 Erceg, D. 3228 Ercolani, G. L. 3717 Erdélyi, K. 4316 Erickson, P. I. 1479 Erinle, I. D. 2244, 5841, 6762 Erkan, S. 2415-2416, 8135 Erkiliç, A. 2870 Erny, C. 241 Erny, C. 241
Errampalli, D. 5964
Érsek, T. 7162, 7525, 7930
Ershad, D. 1523
Érskaya, G. G. 1004
Ertunç, F. 1908
Erwin, D. C. 7161, 8249
Esaka, M. 578
Esbroeck, Z. P. 2729
Escande, A. R. 5878-5879 Esbroeck, Z. P. 2729
Escande, A. R. 5878-5879
Eschen, D. J. 5153
Eschenbrenner, P. 6444
Esenaliev, R. O. 238
Eser, B. 8135
Eser, D. 6906
Eshed, N. 7517
Esiyok, D. 8135
Eskes, A. B. 1377, 2047-20 Eskes, A. B. 1377, 2047-2049, 4150 4150 Eskridge, K. M. 1600, 3628 Espino, R. R. C. 2692, 2813 Espinosa, J. 2407 Esquerré-Tugayé, M. T. 5003 Esquerré-Tugayé, T. 1459 Estaun, V. 5339-5340 Estévez A. 2210 Estévez, A. 2210 Estivalet, D. 84 Estrada, B. A. 4882 Estrada-Garcia, T. 1198 Etchevers, J. D. 5787 Etienne, L. 5808, 6690 Etoh, T. 2397 Etten, H. D. van 6036, 6043 Eum, A. H. 3143 Evangelista, C. C. 3295 Eum, A. H. 3143
Evangelista, C. C. 3295
Evans, B. D. 2000
Evans, C. S. 5370
Evans, D. 5247
Evans, D. E. 575
Evans, D. G. 1785
Evans, H. C. 6376
Evans, H. J. 514, 520-523
Evans, J. 540
Evans, J. J. 400
Evans, R. 3807
Evans, R. 3807
Evers, F. H. 4467
Everson, R. J. 1310
Evert, D. R. 6647
Everts, K. 5700
Everts, K. L. 3673, 4590, 5541
Evidente, A. 7, 914, 2711, 3109, 5267, 8116
Ewbank, E. 2424
Eweida, M. 1443, 7537
Exconde, S. B. 2692, 2813
Expert, D. 3094, 3724-3725, 4187 4187 Extension Bulletin - Cooperative Extension, College of Agriculture & Home Economics, Washington State University 5739, 5774, 5807 Eyal, Z. 3257 Eyali, N. 2357 Eynard, R. 6464 Ezuka, A. 4915

Ezumah, H. C. 4609 Ezzahiri, B. 1272 Faan, H. C. 4496 Fabbri, A. A. 1800 Faber, B. A. 3831 Fabre, B. 4680 Fabrice, V. 5359 Faccioli, G. 3619 Faddoul J. 8301 Faddoul, J. 8301 Fadeou, J. 8301 Fadeeva, L. G. 6450 Fadel, F. 4271 Fadl, F. A. M. 1049 Fadl-Allah, E. M. 2690 Faelen, M. 3724 Fagbenle, H. H. 1656 Fagbenle, H. H. 1656 Fagg, J. 6914 Fagoonee, I. 6242 Fahmy, F. G. 7957, 8300 Fail, G. L. 3566 Fairchild, G. L. 1785 Fairchild, M. H. 1193 Fairhurst, C. P. 536, 2928 Fakir, G. A. 4879 Falconer, C. 54 Falk, B. W. 4506, 6435 Falkenstein, H. 3100 Falk, B. W. 4506, 64
Falkenstein, H. 3100
Falloon, P. G. 5199
Falloon, R. E. 4193
Fan, H. L. 4089
Fan, X. J. 7565
Fan, X. X. 7680
Fancelli, M. I. 6339
Fancelli, C. 1800
Fang, C. S. 6615 Fanelli, C. 1800 Fang, C. S. 6615 Fang, G. 3941 Fang, L. Y. 2292 Fang, R. X. 5486 Fang, Z. D. 606, 1695, 1814, 3230, 8197 Fang, Z. T. 7347 Fannin, F. F. 5720 Fantino, M. G. 6585, 6849 Fantuz, F. 6849 FAO, Asia and Pacific Plant FAO, Asia and Pacific Plant Protection Commission 7090 FAO Plant Protection Bulletin 3966, 4610 Farády, L. 2640 Farag, R. S. 5517 Fardelmann, D. 347 Fare, D. C. 7721, 7726 Faretra, F. 5716, 7069, 7849 Fargette, D. 3681 Faria, B. 7425 Faria, J. C. 5158 Farid Gul 7965 Farina, G. 3120 Farina, R. 3011 Faris, D. G. 6883 Farkaš, V. 1209 Farkaš, V. 1209
Farmer, E. E. 2239
Farmer, L. M. 169
Farnochi, C. 2174
Farquhar, M. L. 1008
Farr, M. L. 698
Farrag, D. S. 7075
Farrah, S. R. 1234
Farrand, S. K. 13, 6203
Farrar, C. A. 579
Farrar, J. J. 6502
Farrell, R. L. 532
Fasihi, S. D. 7958
Fasolo, F. 7779
Fasseas, C. 2708
Fataliev, A. T. 447
Fatehi, J. 1596
Fatmi, M. 4384
Fattori, M. 6354 Fattori, M. 6354 Fattori, M. 6354
Fattouh, F. 1262
Fattouh, F. A. 3213, 4051
Faull, J. L. 6983
Fauquet, C. 3681
Faure, J. 1406, 2771
Faust, M. 2531
Favaron, F. 6880
Favilli, G. 6929
Favre, J. M. 1168
Favret, E. A. 7464
Fawcett, R. H. 6215
Fawzy, R. N. 4532

Fazili, M. A. 5192 Fazio, G. de 230 Fazuoli, L. C. 2049, 5683 Federico, R. 2892 Federspiel, A. 4716 Fedi, I. D. 3560 Fedorenko, E. I. 2983 Fedorkin, O. N. 5488, 7356 Fedorov, N. I. 1559 Fedoseeva, V. I. 2736 Fehrmann, H. 767, 7435 Feirmann, H. 767, Feicht, A. 5392 Feistner, G. 3408 Feitosa, M. I. 7425 Feldman, J. M. 713 Felix, G. 2898 Fellner, M. 5725 Fellner, R. 109 Fellows, L. E. 6259 Feng, B. N. 5388 Feng, F. R. 7782 Feng, F. R. 7782 Feng, L. 1097 Feng, L. X. 7768 Feng, Z. W. 4405 Fengel, D. 3582, 4718 Fenlon, J. S. 6915 Fenn, M. 2810 Fennington, G. J. 1684 Fennington, G. J. 1684
Fenoll, C. 2641
Fenske, R. A. 6610
Fenteng, P. K. 3023
Fenton, C. A. L. 434
Fereres, A. 2590, 4793, 5523
Feret, P. P. 6811
Ferguson, A. W. 6564
Ferguson, W. L. 2684
Ferji, Z. 383
Fermor, T. R. 3666-3667,
6915 6915 Fernandes, A. M. M. 6947 Fernandes, F. F. 4510 Fernandes, J. M. C. 5547 Fernandez, C. E. 2049 Fernandez, J. A. 2078, 2083 Fernandez, J. A. 2078, 2083 Fernandez, M. A. 3107 Fernandez, M. R. 5547 Fernandez, W. L. 465 Fernandez, W. G. D. 3650 Fernandino, F. J. 2869, 3625 Fernandino, F. J. 2869, 3625 Ferrari, M. A. 6523 Ferrario, S. 500 Ferraz, J. F. P. 6358 Ferree, D. C. 1409 Ferreira, F. A. 5425 Ferreira, J. F. 3037, 6934, 7712 Ferreira, J. H. S. 2833, 3481, 4290 Ferrer, A. 1157, 7078 Ferrer, R. L. 1781 Ferrer, R. L. 1781
Ferrera-Cerrato, R. 680, 249
Ferrin, D. M. 7699
Ferrins, R. S. 3176, 3918
Ferry, D. G. 7167
Fett, W. F. 2565
Feucht, W. 4222, 4938
Feuerstein, U. 780
Ficke, W. 2738, 2764
Fidan, Ü. 1591, 2354, 7657
Fiedler, H. J. 1562
Fielder, D. A. 5385
Fielding, E. C. 283
Fiessinger, F. 4679
Figueiredo, J. M. de 3972
Figueras, M. J. 6797
Figueras, M. Tapia y 2753
Fiker, A. 2209
Fila, F. 6288
Filipova, I. 2699
Filippenko, L. M. 7841
Filippenko, L. M. 7845
Filippini, G. 3338
Filippov, A. V. 5869
Filippova, G. G. 7535
Filler, Y. 3865
Filonow, A. B. 1077, 1656
Findley, W. R. 1987, 5610
Finelli, F. 6836, 6850, 6933
Fink, C. V. M. 8061 Ferrera-Cerrato, R. 680, 2498

Fink, W. 1332 Finlay, R. D. 110-111 Finn, V. K. 7934 Finnen, R. L. 1832 Fiola, J. A. 6658 Firdaus-e-Bareen 681 Firdausil, A. B. 932 Firdousi, S. A. 221 Firmin, J. L. 3719 Firsching, K. H. 7435 Fischbeck, G. 2626 Fischer, C. 2740 Fischer, D. 1608 Fischer, W. 6341 Fischer, W. 6341 Fischer, W. R. 3413 Fisher, P. J. 1498, 5086 Fishpool, L. D. C. 4565 Fiske, M. L. 3834 Fitch, L. 5083 Fitt, B. D. L. 1275, 3983, 6564, 6701 Firdaus-e-Bareen 681 6564, 6701 Fiume, F. 6768 Fixen, P. E. 5332 Flachmann, M. 1002 Fladung, M. 7013 Flanders, K. L. 3501 Fleming, L. V. 7104 Fletcher, B. 5582 Fletcher, D. A. 3387, 3722 Fletcher, J. 4776, 5964 Fletcher, J. T. 1630, 3542 Flett, S. P. 4383 Flint, M. L. 1266, 6189 Flood, J. 7905, 7907 Florance, E. R. 7286 Florence, E. J. M. 5122 Florentz, C. 2549 Flores, R. 1261, 3438 Flores, S. 4355 Flores, Z. M. 2657, 4088, 4878 Flori, P. 6923 Floryszak-Wieczorek, J. 477, 2198 Flöss, D. 5202 Flösser-Müller, H. 3766 Flott, B. E. 5554 Flott, J. J. 8072 Flückiger, W. 1505, 4410 Fluhr, R. 2227 Flurkey, W. H. 5497 Flynn, J. L. 2884 Flynn, P. 6948 Foddai, A. 6114 Fofie, A. S. 7595 Fogel, R. 4684, 7153 Fogel, R. 4684, 7153 Fogle, D. 3195 Fogle, D. G. 6029, 8166 Fogliani, G. 4090 Fokkema, N. J. 4019 Fomba, S. N. 3305, 7590 Fomchenko, N. S. 5560 Fominykh, T. S. 8305 Foncelle, B. 4242 Fons, M. 2218 Fonseca, M. E. N. 1384 Fonseca, S. E. A. 2566 Fontaine, D. D. 3778 Fontecilla-Camps, J. 1203 Fontane, D. D. 5776 Fontecilla-Camps, J. 1203 Fontem, D. A. 4499 Fontenelle, C. 1922 Food and Agriculture Organization 3704-3705, 4683 Food and Agriculture Organization of the United Nations 6250 Foolad, M. R. 6772 Foor, C. J. 3674 Ford, E. J. 1648 Ford, R. E. 3198 Ford, V. L. 1763 Ford-Lloyd, B. V. 1631, 1633 Ford-Lloyd, B. V. 16446 Ford-Lloyd, B. V. 1631, Fordham, L. R. 6646 Foremska, E. 4522 Forest, H. S. 1507 Formanová, M. 4189 Fornet, E. 6738, 6741 Foroughi-Wehr, B. 721 Forrest, R. S. 1447 Forst und Holz 1496

Förster, B. 5064 Förster, H. 183, 1226, 1801 Forster, R. L. 4536 Forster, R. L. S. 384, 5483 Forstwissenschaftliches Cen-Forstwissenschaftliches Centralblatt 5062
Forsyth, S. F. 6174
Forti, E. 2190
Fortin, J. A. 72, 107, 119-120, 1169-1170, 1172, 1755, 3136, 3814, 7092
Fortnum, B. A. 4066
Foschi, F. 4661
Foschi, S. 4661, 6818
Foschum, H. 940
Foscolo, S. 7779
Foster, G. 2553
Foster, G. D. 2554
Foster, G. D. 2554
Foster, G. S. 1531, 1544
Foster, H. A. 536, 2928
Foster, J. E. 2590, 4793
Fourest, E. 2590, 4793
Fourest, E. 788
Fournier, J. 1459
Fowler, D. 4475
Fowles, N. L. 104
Fox, C. 3096
Fox, F. M. 60
Fox, J. W. 5957, 6801
Fox, R. T. V. 4390, 5715, 5778
Foy, C. L. 31 tralblatt 5062 5778
Foy, C. L. 31
Fraga-Beddiar, A. 5338
Frahm, J. 735
Fraile, A. 254
Fraine, P. J. de 5287
Fraiture, A. 115
Fraley, R. T. 6716
Frame, B. 7757
Franca Neto, J. B. 614-Franca B. 1/5/ Franca Neto, J. B. 614-615 France I., A. 3250 Francis, D. M. 2391 Francki, M. G. 3948 Francki, R. I. B. 1253, 3926, 7349, 7361 7349, 7361 Franckowiak, J. D. 2622 Francl, L. J. 2206 Franco, A. di 6767 Franich, R. A. 4065, 4448 Frank, D. W. 2100 Frank, R. 7999, 8121 Frank, S. 3942 Frank, Z. R. 3864 Franqueville, H. de 7906 Franqueville, H. de 7906 Franssen, J. M. 6570 Franza, T. 4187 Franzen, L. M. 4919 Fraser, R. R. S. 1913 Fraser, R. S. S. 1246 Frate, C. 8249 Frauen, M. 4542 Fravel, D. R. 3662, 6729 Frean, R. T. 7665 Frederickson, D. E. 7574 Frederickson, R. A. 2007, 7407 Freed, D. D. 243, 1249 Freeman, B. 2438 Freer-Smith, P. H. 6808 Fregosa Tirado, L. E. 5627 Frei, U. 5543 Freier, B. 5242, 6424 Freier, K. 6424 Freimüller, K. 377 Freitas, S. S. 6556 Freids, T. 1691 French, D. W. 5075 French, E. R. 6988 French, J. B. 5921 French, N. 1392 French, N. 1392
French, R. 314, 7337
French, R. C. 1113, 2428, 4616, 6338
French, W. J. 7794
Frensham, A. B. 1428
Frenzel, B. 1002, 2283-2284
Frey, T. 610, 2371
Freytag, S. 7179
Frias, G. A. 5519
Frías T., G. A. 3179
Fribourg, H. A. 1395
Friday, D. 1337

Fridlund, P. R. 2746, 3448 Friebe, B. 3265, 6440 Frielinghaus, J. 5116 Fries, N. 112 Friese, C. F. 5334, 7133 Friesland, H. 5440 Frissland, H. 5440 Frisbie, R. E. 4903 Frison, E. A. 7655 Frisullo, S. 5364, 6912, 6927 Frisvad, J. C. 1220 Fritig, B. 6744, 8131 Fritz, C. D. 1707 Fritz, R. 7062 Fritzsche, K. H. 2596 Fritzsche, R. 468, 6421 Froelich, L. W. 1479 Froelich, R. C. 5093 Froissard, D. 501 Frost, K. 2086 Frost, W. E. 4188 Frötschl, R. 2542 Fruzynska-Jozwiak, D. 4175 Fry, W. E. 225, 944-945, 954, 2211, 2858, 4323 Fu, H. 350 Fu, W. H. 4985 Fu, X. H. 1841, 2394 Fu, Y. B. 2253 Fu, Y. B. 2253 Fuchs, A. 6254 Fuchs, E. 2637, 4850, 4946 Fuchs, M. 3939, 5808, 6690 Fucikovsky, L. 3381 Fucikovsky Z., L. 6674 Fuentes, A. L. 1056 Fuentes Davila, G. 5573 Fügedi, P. 5165 Führer, G. 2954 Fujir, H. 7941 Fujieda, K. 4606 Fujii, H. 2707 Fujii, T. 3113 Fujii, Y. 3421 Fujimoto, K. 53 Fujioka, H. 5105 Fujioka, S. 5253 Fujisawa, I. 5138, 5169-5170, 8204-8205 Fujita, T. 1723 Fujita, Y. 1368, 3640, 4880, 4883, 4893, 4898, 5169 4883, 4893, 4898, 516 Fujiwara, Y. 4511 Fukaya, M. 8154 Fukaya, T. 4885-4886 Fukazawa, K. 2527 Fukuchi, N. 2225, 4920 Fukuda, K. 547 Fukuda, T. 1277, 7834 Fukushima, C. 4943, 6626 Fulbright, D. W. 1279, 5940, 6788, 8177 Fulford, G. B. 6793 Fulgham, F. E. 650, 5224 Fuller, M. S. 3126 Fullerton, R. A. 345
Funk, A. 3581
Funt, R. C. 262
Furihata, K. 7083, 7083
Furnier, G. R. 671
Furtado, E. L. 6735
Furter, R. 6283
Furuichi, N. 2510, 7925
Furukawa, M. 5657
Furusawa, I. 2659
Furuta, K. 3792
Furutani, S. 2068
Furutani, S. C. 2070, 2072
Fusero, S. 2174
Futch, S. H. 4139
Fütterer, J. 7336, 7385
Fyles, H. 1788
G-López, M. D. 2447 Fullerton, R. A. 345 Gaber, M. D. 2447 Gaber, K. 7456 Gaber, M. R. 4241, 8245 Gabler, J. 2906 Gabor, B. K. 921, 3458, 7820 Gáborjányi, R. 6156 Gabova, R. N. 3389 Gabr, M. A. 5975 Gabr, M. R. 4240 Gabriel, D. W. 6942

Gabrielson, R. L. 3596, 3598-3599 Gabrovšek, K. 4694 Gabrovšek, K. 4694 Gadani, F. 1893, 5511 Gadd, G. M. 4413 Gadewar, A. V. 7942 Gadoury, D. M. 2160, 4287 Gaffney, T. 19 Gafni, Y. 3337 Gahukar, R. T. 5632 Gai, J. Y. 2366 Gailhofer, M. 378 Gainariu, O. 7547 Gajda, Z. 2600 Galbraith, L. 1687 Galda, Z. 2600 Galbraith, L. 1687 Galbur, L. I. 3538 Galil, F. M. A. 7075 Galindo, J. J. 272, 727 Galindo, J. J. 2/2, /2/ Galiotti, H. C. 6851 Gall, O. le 257-258 Gallagher, R. T. 6602 Gallegati, M. 392 Gallerani, G. 6636 Galletta, G. J. 1420, 6668 Galliettli, D. 1471, 3535, 6767, Gallo, M. 2040 Gallotti, G. J. M. 7842 Gálvez, G. E. 6988 Gamal-El-Din, I. F. 1982-1983 Gamboa, W. 3064 Gambogi, P. 6929 Gamliel, A. 3865, 4182, 4364, 5913 Gammaldi, G. 914 Gams, W. 1869, 3890, 3895, 4191, 6963 4191, 6963 Ganapathi, A. N. 6149 Ganapathy, T. 6884 Gandhi, S. K. 4200 Ganesa, C. 5497 Ganesan, T. 7227 Ganesan, V. 166 Ganesh, R. 4077 Ganesh, R. 4077
Gangawane, L. V. 1148, 5303
Gange, A. C. 169
Gangopadhyay, S. 974, 7602
Gangrade, S. K. 7054
Ganguly, U. 1265
Gans, P. T. 5888
Gantotti, B. V. 5227
Gao, H. 334, 4405
Gao, H. F. 5649
Gao, H. L. 6371
Gao, O. 4877 Gao, Q. 4877 Gao, X. P. 4985 Gáper, J. 113 Garavaglia, C. 6280 Garbaye, J. 62, 79, 1163, 1186, 1752, 3795, 5317 Gärber, U. 4544 Gärber, U. 4544
Garbuglia, A. R. 4331
Garcia, J. 6262
García, J. A. 1252, 3922, 3932, 5479
Garcia, J. E. 3249
García, L. 7997-7998
García, M. 6746
García, R. 5787 García, R. 5787 Garcia, R. P. 799 García-Arenal, F. 254, 3931, 7368 Garcia Benavides, P. 8122 García E., R. 3179 Garcia Garrido, J. M. 4711 Garcia Garrido, J. M. 4711 Garcia Romera, I. 4711 Garcia-Viguera, C. 3116 Gardan, L. 2751, 5269 Gardes, M. 1170, 1755, 3136, 3814, 4696 3814, 4696 Gardiner, M. L. 324 Gardiner, W. E. 1257, 7383 Gardner, D. E. 7272 Gardner, H. W. 5882 Gardner, R. C. 425, 5483 Garegg, P. J. 5165 Gareis, M. 3981 Garg, I. D. 1238, 1244, 6379 Garg, J. 4181 Garg, R. C. 899, 4254, 4954, 7776, 7780

Gargani, D. 5430 Gargi 1091, 1421 Garibaldi, A. 2998, 3322, 3325, 3351, 3548, 3963, 4169, 4261, 5699, 5701, 5967, 6574, 6590-6591, 6922 Garić, R. 2130 Garmashov, V. N. 5530 Garner, I. A. 2468 Garnett, H. M. 6904 Garnier, M. 5664 Garrec, J. P. 1526 Garret, H. E. 1183 Garrett, C. M. E. 3378, 3387, 3722 Garrett, C. S. 7005 Garrett, K. 2778 Garrett, R. G. 420 Garrido, J. M. G. 4711 Garrido Ramirez, E. R. 6049 Garriga, X. 21 Garten, C. T., Jr. 6787 Garud, T. B. 7566 Garzón Tiznado, J. A. 6016 Gasanova, M. D. 8137 Gase, G. 5011-5012, 5865 Gaskin, D. 6579
Gasowski, A. 4804, 7465
Gaspar, I. 7547
Gast, S. 5935
Gaston, C. P. 1136
Gates, R. N. 5633
Gatti, J. M., Jr. 8307
Gaudemer, A. 4093
Gaudemer, F. 4093
Gaudet, D. A. 725, 1291, 5757
Gaunt, R. E. 3950, 5501, 5567
Gaur, A. 2014
Gaur, A. C. 161
Gaur, R. 460
Gaur, R. 860
Gaur, R. 860 Gaskin, D. 6579 Gaur, R. B. 634, 3646, 8276 Gaur, S. C. 7576 Gaur, V. K. 6089, 6096, 7563, 8268 8268
Gautam, P. L. 759, 8277
Gavalas, N. 3952
Gavare, L. A. 1292
Gavrilyuk, I. P. 6874
Gay, G. 103, 5322
Gazziero, D. L. P. 4621
G"bova, R. 2786
Gbur, E. E. 2368
Ge, Q. X. 1229
Ge, Z. M. 5668
Geballe, G. T. 568 Geballe, G. T. 568 Gebauer, G. 8114 Gebeyehu, G. 3263 Gebhardt, C. 7918 Gébre Selassié, K. 3041 Gébre-Selassié, K. 6117, 8310-8311 Gecit, H. H. 6906 Gectt, H. H. 6906 Geddens, R. M. 1301 Gedek, B. 3981 Geenen, J. 2752 Geesson, J. D. 1575 Geeta Saxena 7148 Gehlert, R. 5100 Gehmann, K. 6267 Gehrke, L. 5908 Gehrke, M. 8124 Geider, K. 3090, 3100 Geider, K. 3090, 3100, 3727, 4647 4647 Geiger, H. H. 5607 Geiger, J. P. 7945 Geils, B. W. 5098 Geissler, K. 4830, 6421 Gel', I. M. 4973 Geletka, L. M. 6766 Gella, R. 2792, 4236 Gelvin, S. B. 3083 Gemen, B. van 6570 Gemma, J. N. 1738 Gemmeke, H. 7049 Gene, J. 6797 Gennadiev, V. G. 7478 Gennadiev, V. G. 7478 Gennari, S. 6645, 6708, 6849 Genot, G. 5155 George, H. L. 3103 George, S. 2010 George, S. 2910

Georgiadis, T. 4640 Georgieva-Todorova, Ĭ. 5004 Georgopoulos, S. G. 1721 Gera, A. 2703, 2715 Gerard, J. 1783, 1792, 5321 Gergerich, R. C. 3212, 3678 Gerginova, Ts. 2787 Gerginova, Ts. 2787 Gerhardson, B. 3223 Gerik, J. S. 3537 Gerlach, W. 2906 Gerlach, W. L. 5590, 7341 Gerlach, W. W. P. 6995 Gerlagh, M. 3620 German, L. 5145 Germán, S. 292 German, T. L. 7837 German Federal Republic. German Federal Republic, Biologische Bundesanstalt für Land- und Forstwirtschaft in Berlin und Braun-schweig 36-37, 1654, 6219 German Federal Republic, Bundesministerium für Ernährung, Landwirtschaft und Forsten 4397 Gerola, F. M. 3843 Gerritsen, Y. A. M. 4350-4351 Gervais, C. 1501 Gesteland, R. F. 229 Geusteland, K. F. 229 Geus, P. de 1203 Gevers, H. O. 1996 Gewinnus, R. 3388 Ghabrial, S. A. 2726 Ghadir, M. F. A. 6839 Ghaffar, A. 1655, 1830, 3957, 7413, 7878 Ghaffer, A. 4102 Ghaffer, A. 4102 Ghanekar, A. M. 6905, 8252 Ghani, M. Y. 909, 989, 8264 Gharbi, S. 5194 Ghareeb, M. 5053 Ghatak, S. S. 1468 Ghate, S. R. 2997 Ghazala Nasim 1033-1034 Ghazi, A. 7558 Ghemawat, M. S. 5840, 5896 Ghini, R. 6921 Ghisalberti, E. L. 3272, 7499 Ghisellini, L. 3076, 4661, 6923 Ghisi, O. M. A. A. 886 Ghobrial, E. 1980-1984 Ghobrial, E. 1980-1984 Ghorab, A. I. 4271 Ghosh, S. 2369 Ghosh, S. K. 1643 Ghule, K. K. 4978 Ghurde, V. R. 5844, 5849, 7883, 7892-7893, 7897 Gianinazzi, S. 1189, 1777, 4712, 6318, 7134 4/12, 6518, 7134 Gianinazzi-Pearson, V. 1189, 1775, 6318, 7134 Giannini, J. L. 181 Giannopolitis, C. N. 4617 Gibbs, A. 1233, 1271, 3929, 7363 Gidley, M. 2763 Giege, R. 2549 Gijsegem, F. van 1680 Gil, F. 3210 Gil Ortega, R. 5207 Gil Sánchez, L. 2262 Gilbert, A. J. 6230 Gilbert, M. T. 3405, 6634 Gilbert, R. G. 413, 2733 Gilbert, R. L. 16 Gilbertson, R. L. 3878, 5158, 6377, 8072 Gilchrist, D. G. 4933 Gildow, F. E. 3348, 5866 Giles, J. E. 5800 Giliomee, J. H. 1336 Gill, B. S. 6440 Gill, D. R. 15 Gill, G. S. 321, 808 Gill, H. S. 6054 Gill, K. S. 4807, 4810, 7483-7484 Gill, P. R. 4187 Gill, S. 5373 Gill, S. S. 961, 5034

Gillaspie, A. G. 2439 Gillaspie, A. G., Jr. 483, 490 Gille, A. 5773 Gilles, G. L. 2745 Gillespie, D. 4599 Gillespie, D. J. 7750 Gillespie, R. 777 Gillespie, T. J. 5439 Gillespie-Sasse, L. M. J. 7499 Gilliam, C. H. 7705, 7721, 7726 7/26 Gilligan, C. A. 1888, 4024, 5438, 5976, 7295 Gilligan, C. J. 4440, 5090 Gillings, M. R. 2107 Gillis, M. 3111, 3309 Gilly, S. P. 8099 Gilmour, C. 5855 Gilmour, J. 6480 Gilleath, P. 6814 Gilreath, P. 6814 Gilstrap, F. E. 1140 Gingery, R. E. 789 Ginkel, M. van 3263 Ginns, J. 7285 Giordano, P. 2818 Giovannetti, M. 2482, 3830, 5342, 7982 5342, 7982 Gipe, M. L. 490 Gippert, R. 4845 Gipson, R. D. 6495 Girard, J. C. 5930 Giraud, M. 1406, 2771 Giri, S. 1711-1712, 3754 Girija, V. K. 7866 Girjesh Upadhyaya 8169 Girma Teseon 6509 Girma Tegegn 6509 Girre, L. 3753 Gisi, U. 3126, 3999, 5295, 6481, 6725 Gitaitis, R. D. 1677, 5933, 8029 Giunchedi, L. 2793, 3589 Givan, S. 335 Givord, L. 5467 Gizatullin, R. Z. 5909 Gjærum, H. B. 404, 8329 Gjærum, H. B. 404, 8329 Gladstone, L. 2071 Gladstone, L. A. 7718 Gladstones, J. 1403 Glascock, C. B. 4774 Glass, A. D. M. 3611, 4515 Glass, B. P. 8065 Glass, R. J. 6034 Glawe, D. A. 7268 Glaz, B. 5032 Gleason, M. L. 1038 Gleissenthal, J. L.-von 2583 Gleason, M. L. 1038 Gleissenthal, J. L.-von 2583 Glendinning, D. R. 2861 Glenister, M. J. 6915 Glenn, A. R. 3228 Glenn, M. G. 7140 Glenn, T. J. 3772 Glez, V. M. 467 Gliessman, S. R. 3141 Gliessman, S. R. 3141 Glushenkova, A. I. 2055-2056 Gnanamanickam, S. S. 6998, Gnanamanickam, S. S. 6998 7000, 7420, 7639, 7829 Gnutov, A. R. V. 380 Gnutova, R. V. 3914, 5459, 6418, 7343, 7429 Gobbi, E. 3157, 5938 Godbout, C. 1172 Godfrey, B. J. 3846 Godfrey, C. R. A. 5287 Godfery, L. D. 410 Godoy, G. 5160 Godoy, G. 5160 Godoy Júnior, G. 6736 Godshall, M. A. 4861 Godshall, M. A. 4861 Godwin, I. D. 887 Godwin, J. R. 6444 Goedicke, J. 4667 Goel, R. K. 288, 5575 Goes, A. de 6682 Goes, P. van der. 2509 Goff, W. D. 3562 Gofflot, A. 4766 Gogala, N. 74, 114, 4694 Gogava, T. I. 1296 Goh, T. K. 1834-1836, 5412 Gohil, V. P. 4301

Göktan, D. 1521 Gokulapalan, C. 7601 Gold, C. S. 4608 Gold, M. H. 3846 Gold, R. E. 6276 Gold, S. 5260 Goldbach, R. 244, 863, 1909, 5186-5187, 7364, 7369 Goldbach, R. W. 1905, 3925, 7379 Goldback, R. W. 5468 Goldberg, K. B. 7384 Goldberg, N. P. 3614 Goldstein, M. 2067 Goldstein, M. I. 6417 Goliadze, Sh. K. 5671 Golinowski, W. 7465 Goliński, P. 1303, 3847 Golodriga, P. Ya. 2839 Golova, Yu. B. 1906 Golovleva, L. A. 186, 3701 Golowkin, K. A. 7190 Golubev, A. A. 8179, 8260 Golyshin, P. N. 3229 Golzar, H. 1282, 1309 Gomez, J. 7231 Gómez, R. 6138 Gomez, S. C. de 194 Gómez, V. de 4147 Gómez Albernal, M. 7184 Gómez-Guillamón, M. L. 2340-2341 Goldstein, M. I. 6417 2340-2341 Gomez Vazquez, J. 8172 Gomez Vazquez, J. 81/2 Gomme, J. 5311 Gömpel, H. 1769 Gonçalves, E. J. 6047-6048 Goncharov, V. T. 7477 Goncharova, R. Kh. 7468 Gong, Z. X. 329 Gonsalves, D. 967, 2988, 3233, 3474, 3607, 3940 Gonzáles, L. M. 6552 Gonzáles, Cháyez, M. 7996 Gonzáles-Chávez, M. 7996 Gonzáles García, R. 7995 Gonzáles Hernández, I. 7995 Gonzalez, A. R. 4492 Gonzalez, C. F. 3069, 5268, 7636 Gonzalez, D. 189 Gonzalez, D. 167 González, E. 6739 González, M. E. 2210 Gonzalez, R. 7231 González, W. 5918 Gonzalez Ceniceros, F. 2622 Gonzalez Centeeros, F. 2622 Gonzalez Torres, R. 8172 Good, L. 5461 Goodall, G. E. 2809 Gooden, J. M. 4926 Gooding, G. V., Jr. 492, 1453, 5042 5042 Gooding, M. J. 2117 Goodman, R. N. 2763, 3408, 7080 Goodwin, S. B. 3282 Goos, R. D. 3877, 3879 Goosey, M. W. 3124 Gopal, D. V. R. S. 3642 Gopalakrishnan, C. 166 Gopalan, M. 4866 Gopalan, M. 4866 Gopinath, R. 809 Goray, S. C. 4164, 4523, 4531 Gorbet, D. W. 4557, 6073 Gorbunova, E. V. 5361, 7209 Gorbunova, N. I. 4489, 5970 Gorbunova, Yu. V. 7609 Gorcom, R. F. M. van 7495 Gorcom, R. F. M. van 7495 Gordon, D. T. 6492 Gordon, D. I. 6492 Gordon, G. 6616 Gordon, G. H. 887 Gordon, K. 7336, 7385 Gordon, M. P. 4638 Gordon, T. R. 589-590, 2344, 3854, 5957 Gordon-Weeks, R. 7978 Goren, M. 479 Gorfu, D. 1060 Gorgiladze, L. A. 1296 Gorgiladze, L. A. 1296 Gorobal, O. V. 4165 Gorrichon, L. 1947 Gorris, M. T. 2194 Gosar, J. 2472

Gospodinova, E. 2577, 2598 Gossen, B. D. 411, 5727 Goswami, V. G. 6111 Goszczyński, W. 5779 Goth, R. W. 4607 Goto, M. 7974 Goto, S. 4653, 7042 Goto, T. 5388 Cottwald, T. B. 347, 2678 Gottwald, T. R. 347, 2678 Götz, E. 2866 Götz, N. 5300 Götze, H. 3698 Götzová, B. 368 Goudriaan, J. 8336 Goudriaan, J. 8336 Gough, C. L. 24 Gough, K. 4875 Gough, K. H. 5493 Gould, A. B. 7794 Goulden, M. G. 253, 5496 Goulds, A. 1275, 3240, 3983 Gour, H. N. 453 Gourinath, A. 1846, 7154 Govind Chandra 6577 Govindaiah 1421 Govindaral 1421 Govindarajan, T. S. 2681-2682 Govindu, H. C. 5794 Govorova, G. F. 506 Gowanlock, D. H. 890 Gowda, B. J. 1344, 4856, 6498 Gowda, H. T. P. 4856 Gowda, K. T. P. 1344, 6498 Gowda, M. 595 Gowda, M. V. C. 2374 Gowda, P. S. B. 4076, 7573 Gowda, S. 7386 Goyal, J. P. 6064 Goyal, R. 2104 Goyal, R. B. 39 Grabert, D. 3273 Grabherr, G. 8042 Grabner, I. 3582 Grabo, P. 3836 Grabski, C. 7044 Graca, J. V. da 5667 Gracen, V. E. 793 Gracheva, N. N. 2725, 4930 Graham, J. H. 344, 347, 832, 4133, 4706, 6539 Graichen, K. 2543 Grama, D. P. 7376 Grambow, H. J. 5553 Gramss, G. 4480 Gramstat, A. 4320 Grabherr, G. 8042 Gramss, G. 4480 Gramstat, A. 4320 Granata, G. 6928 Grand, C. 604 Grand, L. F. 2484, 2490 Grandtner, M. M. 1501 Granell, A. 1260 Graniti, A. 8116 Grant, B. 5293 Grant, B. R. 1729, 3152, 3768, 3773 Grant, C. A. 26 Grant, N. T. 4619-4620 Graser, E. A. 2072 Grant, N. T. 4619-4620 Grasser, E. A. 2072 Grassi, G. 3535 Grasso, S. 843 Grau, C. R. 415, 884, 1402, 1881, 2121, 3015, 6071 Graves, B. 1516 Graves, C. H., Jr. 6696, 7803-7804, 7818 Graves, W. R. 2987, 4279 Gray, A. B. 2193 Gray, A. J. 7743 Gray, F. A. 418, 4777 Gray, G. 7183 Gray, S. M. 255, 1243, 6486-6487 Grayer, R. J. 6885 6487 Grayer, R. J. 6885 Grayson, B. T. 1704 Graziano, M. di 2835 Greathead, A. 6103 Greathead, A. S. 5199, 5714 Grebenyuk, M. T. 6005 Greber, R. S. 5043, 7733 Greco, N. 4600 Greef, J. de 502, 6115 Greef, M. de 3102, 4648 Greeff, R. J. M. de 2694

Green, C. P. 1433 Green, J. R. 1198 Green, S. K. 3617, 5232 Greenberg, D. C. 3021 Greene, L. 6232 Greenhalgh, F. C. 3951 Greenhalgh, R. 3498, 5385, Greenhalgh-Weidman, B. 1448, 1609 Greenhough, T. J. 1258 Greenough, D. R. 263 Greenwood, D. 1885 Gregoire, D. 1108 Greig, R. J. 473 Greig-Smith, P. W. 6436 Greiner, A. 6272 Grenier, E. 3681 Grenier, J. 4782, 6769 Greño, V. 2672 Gressel, J. 3685 Greven, J. 5085 Greuning, J. V. van 6311 Greve, P. A. 3763 Grewal, J. S. 4518, 6910, 8261, 8284 Grewal, M. 4742 Grewal, P. S. 635, 5196 Grewal, R. K. 321, 802, 946, 7405, 8164 7405, 8164
Grewal, S. K. 2509, 7614-7615
Grey, W. E. 2606, 5584
Grichar, W. J. 621, 1076
Griesbach, J. A. 4178, 6435
Griffin, D. 1516
Griffin, D. E. 669
Griffin, D. B. 4426 Griffin, D. E. 8696 Griffin, D. H. 4420 Griffin, G. D. 4198 Griffin, G. J. 1607 Griffin, J. A. 8030 Griffith, J. M. 1729, 3152, 3768 Griffiths, H. M. 469 Griffiths, R. P. 7101-7102, 7112 Griggs, T. D. 5232 Grigoletti Júnior, A. 7842, 7848 Grigor'ev, M. F. 315, 7501 Grigor'eva, L. P. 2599 Grigoriev, V. G. 710 Grill, E. 7879 Grimaldi, V. 843, 6939 Grimes, D. W. 3367 Grimm, R. 2455 Grimme, L. H. 2531 Grimsley, N. 7336 Grinchenko, S. G. 753 Grindle, M. 3760 Grinstein, A. 3862, 3865, 4364, 4591 4364, 4591 Grisales L., F. L. 4152 Grisebach, H. 1608, 5167 Grisham, M. P. 3527, 6742 Grishechkina, S. D. 7518 Grishina, E. E. 2736, 4934 Gritton, E. T. 6071 Grodzinsky, D. 6917 Grodzinsky, D. M. 636, 163 Grodzinsky, D. M. 636, 1636 Groen, N. P. A. 6582 Groenendijk, C. A. 5126 Grogan, H. 6314 Grogan, R. G. 3029, 5199 Gromyko, G. N. 6494 Gromyko, G. N. 6494 Gronenborn, B. 1936 Gröntoft, M. 1574 Grose, M. J. 7696 Gross, D. C. 3520 Gross, D. C. 3520 Grossblatt, N. 1666 Grosse, E. 5242 Grossi, M. 6543 Grosskopf, D. G. 2898 Grossmann, F. 1314, 3249 Groth, D. E. 7589 Groth, J. V. 605, 1994, 3713 Grothaus, G. D. 228, 6460 Grothues, D. 5266 Grove, G. 898 Grove, G. 898 Grove, G. G. 915, 4966, 4975 Grove, J. F. 1818, 1827 Grover, I. S. 6247 Grover, R. 5273

Grover, R. K. 760, 1086, 3497, 4583, 8263 Gruber, F. 562 Gruhn, C. M. 2493 Grumet, R. 3941 Gruner, R. 5919, 6403 Grüntzig, M. 2637, 4850, 4946 Grünweller, S. 4672 Gruyshin, A. A. 7790 Gruyter, J. de 7290 Gryndler, M. 1781 Gryndler, M. 1781 Gu, C. F. 3311 Gu, S. Z. 7680 Guaiquil Guichaquelén, V. 7940 7940
Guarda, P. A. 4735
Guarro, J. 6797
Gubiš, V. 2734
Gubler, F. 180, 539, 1802,
4722, 6340
Gubler, F 7297
Gubler, W. D. 3479
Gubova, R. 2786
Guderian, R. 4399
Gudmestad, N. C. 3085, 3521,
5858, 5890
Guduthur, A. 3836 Guduthur, A. 3836 Guedes, M. E. M. 4154 Guerard, J. P. 5142, 6918 Guerineau, F. 1251 Guern, J. 7984 Guerrazzi, S. 4331 Guerri, J. 716, 4123 Guerrisi, R. 277 Guerry, P. 5289 Guest, D. 5293 Guest, D. 5293 Guest, D. 1. 3767, 3975, 5048 Guevara, C. 727 Gugel, R. K. 1032 Guggenheim, R. 7044 Guglielmone, A. E. R. de 7738 Guglielmone, L. 5967 Guglielmoni, M. B. 7738 Gui, X. D. 6559 Guidi, L. 3011 Guidotti, A. 6687 Guillaumes, J. 5750 Guillaumes, J. 5750 Guillaumin, J. J. 3844 Guillemet, F. B. 7820 Guillemin, M. P. 3788 Guilley, H. 7390 Guillitte, O. 115 Guinberteau, J. 116 Guiney, D. G. 5256 Guiney, D. G. 5256 Guirado, A. 3116 Gul, F. 4341, 7965 Gul, Z. 5842 Gull, D. D. 4586 Gullino, M. L. 3322, 3325, 4169, 4261, 5699, 5701, 5967, 6284, 6574, 6586-6587, 6590-6591, 6922 Gullner, G. 6282 Gullner, G. 6282 Gullotti, A. 5272 Gulya, T. J. 5835, 5839 Gulz, P. G. 2956 Gumpf, D. J. 5665 Gunasekera, S. A. 3654 Gunasekhar, V. 1421 Gunasekharan, M. 2183 Gunasekharan, M. 2183 Gunathilagaraj, K. 7319 Gunawan, L. W. 2220 Gunawan, O. S. 2217, 2909, 3551, 3793, 5264 Gundogdu, M. 1419 Gunia, W. 6968 Gunn, J. S. 1442 Gunn, L. V. 1099 Guns, M. F. 3759 Guo, G. J. 4120 Guo, G. J. 4120 Guo, J. 1097 Guo, J. R. 606 Guo, L. 1838, 6370, 7260 Guo, L. Y. 2073, 3853 Guo, S. X. 1796 Guo, Y. G. 7953 Guo, Y. H. 1923 Guo, Y. L. 7261 Guo, Z. H. 5078 Guo, Z. J. 1723 Gupta, A. 2355, 7472

Gupta, A. K. 288, 302, 688, 1085, 4806, 6680, 8144
Gupta, B. D. 2168
Gupta, B. K. 7287
Gupta, B. R. 896
Gupta, C. 7253
Gupta, D. C. 1941, 6027
Gupta, D. K. 1050, 6368, 8183 8265 8183, 8265 6163, 8265 Gupta, D. P. 5401 Gupta, G. K. 897, 6624, 6629, 7775, 7777, 8074 Gupta, G. N. 540 Gupta, J. H. 5796, 7830, 7832 Gupta, M. L. 2502, 3823, 6325 Gupta, O. 8273-8275, 8280 Gupta, O. P. 2158 Gupta, P. C. 6037, 6126 Gupta, P. K. 2282 Gupta, P. P. 136, 352, 2331 Gupta, R. B. L. 6110 Gupta, R. B. L. 6110
Gupta, R. C. 5647
Gupta, R. K. 807, 5174, 7571
Gupta, R. L. 4674
Gupta, R. L. 4674
Gupta, R. P. 150, 1625, 2384, 4569, 6924
Gupta, S. 2231, 7243
Gupta, S. K. 7070, 7777
Gupta, S. L. 158
Gupta, U. 6722, 6773
Gupta, V. K. 899, 912, 2796, 3690, 4254, 4954-4955, 7780-7781
Gupta, V. P. 2328, 2417, 6416
Gupta, Y. 910, 6648
Gur, A. 4208 Gur, A. 4208 Guran, M. 7410 Gurdip Singh 1087, 8267, 8280 Gürer, M. 1415 Gur'eva, I. A. 6494 Gurevich, B. I. 5869 Gurevich, L. I. 2685 Guri Johal 1335, 1346 Gurinderjit Kaur 1085, 8266 Gurjar, R. B. S. 6095 Gurjit Singh 4810 Gurubatham, J. R. J. 1184 Gusakova, S. D. 2055 Gusev, M. V. 5240 Guseva, N. N. 3002, 4781, 8185 Gussakovskii, E. E. 349, 7684 Gussenhoven, G. C. 5464 Gustafsson, I. 8288 Gustavo, M. 7762 Gustine, D. L. 3364, 6606 Guth, J. A. 4678 Güth, S. 2283-2284 Guthrie, J. 6128 Gutiérrez, N. 5787 Gutiérrez, S. 4734 Gutov, Kh. G. 6623 Gutsche, V. 5873 Gutser, R. 6472 Guttenberger, M. 1743 Guttenberger, M. 1743 Gutteridge, R. J. 6467 Gutterson, N. 1708, 6394 Guy, P. L. 7730 Guyon, D. 4242 Guzev, V. S. 3229 Guzeva, L. I. 2632 Guzeva, L. I. 2632
Guzman, E. D. de 8038
Guzman, V. L. 4586
Gvozdyak, R. I. 3110, 5269
Gwinn, K. D. 874
Gyimah, A. 4389
Gyulavári, O. 2640
Haack, I. 2122, 2999, 5978
Haan, P. de 7364, 7369
Haas, B. 377
Haas, D. 5910
Haas, J. H. 174, 2500
Haase, A. 2547, 6015
Haber, S. 777, 6454
Habili, N. 231
Habte, M. 1180, 6331, 7119 Habte, M. 1180, 6331, 7119 Haciwa, H. C. 3021, 8253 Hacker, J. B. 7733 Hackler, R. E. 45

Hackman, P. 7282 Hadar, E. 369, 4182 Hadar, Y. 694 Hadidi, A. 3196, 4220, 7765 Hadwan, H. A. 8015 Haga, M. 7606-7607 Haga, T. 1723 Hagan, A. K. 7705, 7721, 7726, 8224 Hagita, T. 7919 Hagita, T. 7919 Hagita, 1. 7919 Hagiwara, H. 2904 Hagle, S. K. 556, 4465, 8037 Hagler, W. M., Jr. 7575 Hahlbrock, K. 2403, 4995 Hahm, K. S. 7022 Hahm, Y. I. 470 Hahn, E. 2587, 5242 Hahn, M. G. 5165-5166 Hain, R. 1457 Hajdu, J. 1258 Hajela, R. K. 8063 Hajimorad, M. R. 3926, 7349, 7361 7361 Hajlaoui, M. R. 7725 Hakamata, K. 3307 Halama, P. 4021 Halbrendt, J. M. 4220 Hale, C. N. 2748, 2762, 3406 Haley, L. 1247, 5908, 6716 Halfon-Meiri, A. 318 Halia, H. M. 4573 Halisky, P. M. 4194 Halk, E. L. 6607 Hall, B. 3433, 4251 Hall, C. D. 40, 7072 Hall, D. A. 4365 Hall, D. J. 2897 Hall, G. S. 5249 Hall, H. R. 46 Hall, H. R. 46 Hall, J. S. 6860 Hall, J. W. 430 Hall, M. 7005 Hall, M. F. 4426 Hall, T. C. 7357 Hallam, A. 37 Hallenberg, N. 7267 Hallett, I. C. 639 Halloin, J. M. 5972 Halloran, G. M. 5719 Hama, N. N. 4315 Hamacher, J. 2915, 3553, 5937
Hamamatsu, C. 4115
Hamann, W. 3115, 4666, 4668, 4670, 5242
Hamasaki, T. 5366, 7173
Hambleton, S. 178
Hamdy, I. 3415
Hameed, S. 4318
Hamel, C. 1788
Hamer, J. E. 335, 3302
Hamers M. F. C. 5410 Hamers, M. E. C. 5410 Hamid, S. J. 4009 Hamilton, M. 2065 Hamilton, W. D. O. 5491 Hamm, P. B. 1001, 2526 Hammer, P. A. 7713 Hammer, P. E. 3347 Hammerschlag, F. A. 7796-Hammerschmidt, R. 4635, 6949, 8177 Hammond, J. 389, 393, 2098, 3916 Hammond, M. E. W. 52 Hammond, R. 245 Hammond, R. W. 3196, 7389, 8000 Hammouda, A. M. 5924, 7901 Hampp, R. 1743, 5961 Hampson, M. C. 2201 Hampton, R. 2448 Hampton, R. E. 1379 Han, H. 3997 Han, M. H. 7022 Han, S. Y. 1312 Han, Y. 1503 Hanada, K. 1253 Hanada, T. 6422 Hanau, R. M. 5621, 7193

Hance, R. J. 4678 Hanchek, A. M. 5700 Hancock, J. G. 3367, 4263, 5733 Hand, L. 6451 Handelsman, J. 5162, 7985 Handique, A. K. 5292 Handley, M. K. 373 Hanewald, K. 658 Hanke, V. 2740 Hanlin, R. T. 3889 Hanna, W. W. 1360, 5633 Hannukkala, A. O. 7437 Hanold, D. 5006, 5854 Hansa Pandey 5400, 7168 Hansen, A. J. 3375 Hansen, E. 3569 Hansen, E. M. 1001, 5088 Hansen, J. D. 848 Hanson, J. R. 5393 Hanson, L. E. 1585 Hand, L. 6451 Hanson, L. E. 1585 Hanson, P. J. 6787 Hanudin 2249 Hanumantha, B. T. 2681, 3317 Hanušová, M. 5016 Hanušová, R. 748 Hanzawa, S. 5054 Hanzer, V. 3204, 7348 Hao, B. T. 4451 Hao, B. T. 4451 Hao, H. 544, 5079 Hao, M. V. 1685 Hao, W. Y. 126 Haoua, S. 3805 Hapase, D. G. 5030 Haq, M. A. 1081 Haque, I. 2240 Haque, M. F. 6852, 8284 Hara, A. 2066 Hara, A. H. 848 Hara, H. 7987 Harada, M. 7371 Harada, M. 7371 Harada, T. 5351 Harada, Y. 697, 878, 4746 Harder, D. E. 5528, 5605, 6348 Harders, J. 6403 Hardham, A. 539 Hardham, A. R. 180, 1802, 4722, 6340, 7297 Harding, S. E. 1913 Hardip Singh 156, 7125 Hardman, J. A. 6834 Hardwick, N. V. 6252 Hardy, G. E. St. J. 3174-3175 Hareesha, H. A. 6510 Harendra Singh 1717, 1724, Hargreaves, J. A. 1144 Hargreaves, P. A. 3770, 4266 Hari, V. 4353 Hari Chand 2027, 4582 Hari Singh 796, 1098 Harish Kumar 7887 Harjosudarmo, J. 7330 Harlapur, S. I. 310 Harman, G. E. 900, 1931, 5507, 6186, 6381, 6860, 7216 Harman, J. E. 1414, 2794 Harmer, C. S. 6829 Harnam Singh 888, 1029, 7169 Harper, D. H. 5083, 6918, 7767 Harper, J. D. 7217 Harper, J. L. 6976 Harrabi, M. 1322 Harrabi, M. M. 4573 Harrewijn, P. 5008, 7914 Harrington, T. C. 3167, 3570 Harris, D. C. 4262, 4953, Harris, D. C. 4262, 4953, 6663, 7811 Harris, K. F. 1241, 3217 Harris, K. K. 5336, 7122 Harris, R. D. 7359 Harris, R. I. 473, 6438 Harrison, B. D. 7332, 7353 Harrison, K. A. 6647 Harrison, S. C. 250, 1258

Harsanto, N. 2224 Harsanto, U. 2224 Harsh, N. S. K. 8079 Hart, J. M. 3274 Hart, L. P. 7418 Hartel, P. G. 7014 Harten, D. C. van 3755 Hartill, W. F. T. 2868 Hartitz, M. 7387 Hartleb, H. 4038, 4666, 4841-4842, 5601 Hartman, G. L. 3970, 5516, 6068, 6778 Hartman, J. R. 3542, 8073 Hartman, P. G. 5289 Hartmann, W. 4666 Hartnett, D. C. 4000 Hartnoll, J. 6618 Hartung, J. S. 832, 5682 Harvey, G. J. 6140 Harvey, G. J. 6140 Harvey, L. M. 7108 Harvey, L. T. 2464, 3735 Hasan, M. 1081 Hasan, M. S. 691 Hasan, S. 3063, 4223, 5221, 5228 Hasanuddin, A. 2658 Hasegawa, A. 244 Hasegawa, M. 6030 Haseloff, J. P. 7341 Haselwandter, K. 4716 Hasezawa, S. 662 Hashem, A. R. 4717 Hashi, N. 4884 Hashim, I. 4337-4338, 7946 Hashimoto, A. 821 Hashimoto, J. 5457 Hashimoto, S. 4516 Hashimoto, Y. 4516 Hashizume, H. 4478 Hashmathunnisa Begum 1620, 2005, 2646 Hashmi, M. H. 4602, 7198 Hashmi, R. Y. 6010 Hass, D. 2515 Hassan, A. K. 5994 Hassan, S. 3915, 5842, 7965, 8002 Hassan, S. A. 5306 Hassanzadeh, N. 1438 Hassi, A. 729, 941 Hata, T. Y. 848 Hatt, H. D. 3891 Hattemer, H. H. 8043 Hau, B. 2629, 5450 Haufler, K. Z. 2799 Haug, I. 117, 1742 Hausbeck, M. K. 3348, 7719 Hauska, G. 5421 Hauska, G. 5421 Hausner, G. 1196 Haverkort, A. J. 3513 Haware, M. P. 8252, 8280 Hawes, C. 5247 Hawes, W. S. 7359 Hawk, J. A. 324, 2004 Hawksworth, D. L. 1230, 4637, 5249, 6994 Hawksworth, F. G. 1009 Haworth, P. 1135 Hawthorne, B. T. 585-586, 2275
Hay, R. L. 1763
Hayakawa, T. 3927, 3930
Hayakawa, Y. 7083
Hayano, Y. 3938
Hayasaka, M. 2323
Hayashi, K. 3567
Hayashi, N. 3374, 3928, 8326
Hayashi, T. 3938
Hayashi, T. 3938
Hayashi, A. 2322
Haydar, M. F. 4366
Hayes, A. L. 6337
Hayes, P. 2438
Hayes, P. 2438
Hayes, P. M. 7532
Hayes, R. J. 495, 2234
Haylor, M. T. M. 7328
Hayman, D. S. 175
Hayman, G. T. 13 2275 Hayman, G. T. 13 Haynes, K. G. 4607

Hayward, A. C. 3111, 3717, 8230, 8238, 8241 Hazen, B. E. 3159 Hazen, J. L. 6954 He, B. J. 7680 He, B. Z. 4451 He, F. 211 He, L. 4970 He, L. Y. 8240 He, P. C. 2161, 4292 He, S. C. 1837 He, S. L. 1767 He, S. Y. 1696, 5260 He, Y. G. 7565 Head, I. M. 41 Headrick, J. M. 3289 Heagle, A. S. 1556 Heaney, S. P. 280, 6482 Heath, M. C. 1597, 1649, 2363, 3074, 3360, 5188, 6863 Heath-Pagliuso, S. 1093 Heatherington, P. J. 6457, 6824 6824
Heaton, J. B. 3769
Heaton, L. A. 250, 1255-1256
Hebb, J. W. 4139
Hebbar, P. 6702
Hedger, J. 2567
Hedger, J. N. 3824
Hedin, P. A. 1725, 3749, 6261
Hedjaroude, G. A. 1366, 1523
Hegde, R. K. 307, 310, 325,
452, 466, 618-619, 935, 970,
1953, 1963, 3298, 3456,
3485, 3872-3873, 4342,
5579, 5783, 6697, 7396,
7411, 7475, 7572, 7817,
7860, 7869, 7910, 8223
Hegde, Y. 2150
Hegwood, C. P., Jr. 6696
Heher, D. A. 3703
Heiberg, N. 6661
Heibl, R. 4467
Heick, J. A. 3532
Heide, M. 379, 5458
Heide-Spravka, K. G. von der Heaton, J. B. 3769 Heide-Spravka, K. G. von der 2485 Heilemann, J. 7113 Heilemann, J. 7113 Hein, N. X. 6883 Heindl, S. 3582 Heinkel, C. M. 5906 Heinonen-Tanski, H. 118 Heintz, C. 450, 2159, 4981 Heiny, D. K. 4933, 5214, 5219, 8335 Heinz, R. A. 7464 Heinzmann, U. 2956 Heisler, A. 2529 Heitefuss, R. 1281, 2054, 3622, 5081, 5583, 6121, 6188 6188 Heitz, T. 6744 Heller, L. I. 5117 Heller, W. 3056 Hellman, J. L. 875 Hellmund, K. J. 2122 Helm, D. J. 665 Helmer, T. 3611 Helmig, D. 8113 Helms, T. C. 6069 Hembram, D. 4070 Hemenway, C. 1247, 5474, Hemery-Tardin, M. C. 500 Hemming, B. C. 6178 Hemminga, M. A. 6410 Hemrich, H. 6260 Henaff, M. le. 1922 Henao, L. G. 5409 Hendershot, W. H. 4409 Henderson, C. T. 4136 Henderson, L. J. 7967 Hendrix, F. F., Jr. 6622 Hendrix, J. W. 613, 7129 Hennen, J. F. 1867 Hennessy, G. G. 3297 Henning, J. C. 4925 Hennings, S. 5311 Henningsen, K. W. 1902 Hemery-Tardin, M. C. 5002

Henningson, P. J. 3085 Hennon, P. E. 8117 Henrissat, B. 24 Henry, C. 2317, 8126 Henry, C. M. 8127 Henry, D. R. 4631 Henry, M. 3354, 7731 Henry, M. B. 3667, 601 Henry, M. B. 3667, 6915 Henry, M. J. 1715, 2469 Hensel, M. 701 Henshall, W. R. 2868 Hensley, S. D. 2884 Henson, G. 613 Henson, G. 613 Henson, G. T. 7129 Henson, J. M. 3156, 6468 Hepperly, P. R. 2010 Herbert, J. A. 2815 Herger, G. 3958 Herget, T. 2375 Hermann, D. 1045 Hermann, L. 2779, 4248 Hermann, L. 2779, 4248 Hernalsteens, J. P. 6115 Hernández, F. A. 273 Hernández, J. 6579 Hernandez, J. H. 3461 Hernández, M. M. 2025 Hernández, S. 6737, 6740, Hernández, Y. 6579 Hernández Hernández, J. M. 6679 Hernández Méndez, J. 2530 Herold, H. 2867 Herold, T. 2896 Herrbach, E. 5969 Herrera, G. M. 7513 Herrera, J. 6739 Herrera, S. 1157 Herrington, M. E. 6842 Herrmann, M. 2623 Hershenhorn, J. 3315 Hershman, D. E. 613, 1031, 7129 Hertel, G. D. 4438 Hertig, C. 4016 Herzberg, M. 2241 Herzel, F. 4669 Herzog, Z. 3382 Hess, D. 604 Hess, W. M. 1879, 6946 Hetherington, A. M. 1974, 1978 Hetzroni, A. 3862 Heule, G. van 3590 Heulin, T. 6702 Heun, M. 304, 3265 Heuvel, H. J. van den 1599 Heuvel, J. F. J. M. van den 3215, 5468 Heuvel, J. van den 1205 Hewings, A. D. 1062, 1315, 1603, 2634, 5168 Heye, C. C. 6273 Heyser, W. 2491 Hibben, C. R. 994, 4919 Hibberd, A. M. 4599, 6123-6124 Hetzroni, A. 3862 6124 Hibin, T. 244 Hibino, H. 330, 816, 1915, 2018, 2656-2658, 3923, 3934, 4087-4088 Hibrand, L. 258 Hick, A. J. 1873 Hickey, K. 4226 Hickey, K. D. 4214 Hickey, K. S. 4233 Hicks, R. G. T. 374 Hicks, S. 7733 Hidaka, S. 5489 Hidaka, T. 5432 Hidayat, S. H. 5158 6124 Hidayat, S. H. 5158 Hiebert, E. 3369-3370 Higaki, T. 2066, 2068, 2070, 2072, 2080 2072, 2080 Higashiura, M. 6019 Highland, B. 6887 Highley, T. L. 2310 Higley, P. M. 4852 Hignett, R. C. 3099 Hignight, K. W. 6605

Higuchi, H. 5087 Hijwegen, T. 5426 Hilal, A. A. 2712-2713, 4184 Hilber, U. 904 Hilbert, J. L. 1173 Hildebrand, D. C. 3111 Hildebrand, P. D. 6008 Hildebrandt, A. 3222 Hilder, R. F. 2829 Hill, C. B. 2205 Hill, J. H. 1893, 3217, 3935, Hill, J. H. 1893, 3217, 393 6876, 7324 Hill, K. K. 6607 Hill, N. S. 7735 Hill, R. R., Jr. 3365, 3368 Hille, M. 3222 Hillier, R. S. 3788 Hillman, B. I. 1256, 3556, Hillocks, R. J. 7682, 7688 Hilton, R. J. 2776 Himmele, W. 5300 Himmelsbach, D. S. 2092 Himmler, G. 3204-3205, 3942, 7348 Hinchee, M. A. 6716 Hindal, D. F. 2426 Hinderer, W. 8258 Hindorf, H. 3149, 3758, 4156, 6550 Hinshalwood, A. M. 26 Hinton, J. C. D. 15 Hinz, U. 4355 Hinze, K. 6478 Hinze, K. 6478 Hippalgoankar, K. V. 149 Hippe, S. 1977, 6251 Hipskind, J. 1357 Hirai, S. 6019 Hirano, H. 6745 Hirano, K. 1587, 6019 Hirano, S. S. 3641 Hirata, K. H. 5256 Hiratsika N. 206 Hiratsuka, N. 206 Hiratsuka, Y. 1528, 2944, 5094, 5097 3094, 3097 Hirayama, T. 1676 Hiremath, P. C. 325, 395, 452, 466, 618-619, 935, 2105, 2165, 4989, 5381, 5691, 5826, 6697, 7411, 7729, 7860, 8223 Hiremath, R. V. 202, 1354, 5692, 8284 Hiremath, S. M. 2008 Hiremath, S. V. 307, 5381, 5826 Hirota, K. 8141 Hirota, K. 8141 Hirsch, G. 4744 Hiruki, C. 2729, 3913, 5498-5499, 6420, 7394 Hiscock, K. 6230 Hishmat, O. H. 7075 Hitchin, E. 3093 Hitchon, G. M. 4365 Ho, H. H. 216, 1868, 1872, 4748 Hoagland, R. E. 4622 Hoagland, R. E. 4622 Höbaus, E. 3472 Hobbs, H. A. 8307 Hobson, G. E. 6776 Hocart, M. J. 7303 Hoch, H. C. 1918, 3159, 6349, 6382, 6862 Hock, B. 2959, 3146, 5118 Hock, B. 2959, 3146, 5118 Hock, J. 5613 Hocking, A. D. 738 Hoda, M. N. 6677 Hodges, C. F. 877, 1204 Hodgkin, T. 4498 Hodgson, R. A. J. 647, 5038 Hodgson, W. A. 4324 Hoekstra, R. 7917 Hoelmer, K. A. 3605 Hoelmer, K. A. 3605 Hofacker, T. H. 1485 Höfer, M. 7162 Hoffman, J. 524-526 Hoffman, J. 724-526 Hoffman, G. 5242 Hoffmann, G. M. 306, 4020, 5599-5600, 6446 Hoffmann, P. 2535

Hoffmann-Wolf, U. 964 Hofman, T. W. 6271 Hofmann, W. 1562 Hofmeester, Y. 6826 Högberg, P. 3810 Högberg, P. 3810 Hogendoorn, E. A. 3755 Hohendorff, U. 3584 Hohl, H. R. 4724, 7165 Hohlfeld, W. 3115 Hohmann, F. 5816 Hohn, B. 7336 Hohn, T. 2550, 2552, 7336, 7385 7385
Hoitink, H. A. J. 1389, 8167
Hokawat, S. 5181
Holcomb, G. E. 861
Holden, D. W. 200
Holderness, M. 3976, 7254
Holevas, C. 3952
Hölker, U. 7162
Höll, W. 2958
Holland, D. M. 3032
Holland, G. 2068
Hollenbeck, M. D. 6986
Hollier, C. A. 5902, 7589
Hollinger, T. C. 864, 2693-2694 2694 Hollins, T. W. 1275 Hollnagel, J. 3115 Hollomon, D. W. 6437, 6484 Hollomon, W. 6258 Holloway, B. W. 1692 Holloway, W. A. 5108 Holms, L. E. 5308 Holmes, F. W. 994, 4412 Holmes, S. J. 6578, 6728 Holmes, S. J. I. 7740 Holmstron-Ruddick, B. 4619 Holmes, S. J. I. 7740 Holmstron-Ruddick, B. 4619 Holopainen, T. 4457 Holt, C. A. 3533, 5038 Holt, J. S. 181 Holthuis, U. 4790 Holub, E. B. 415, 884, 1881, 2121 2121 Holz, G. 3516, 5884, 6693 Holzapfel, C. W. 7082 Holzmann, A. 5284 Homma, Y. 8129 Honda, K. 5170, 8204-8205 Honda, Y. 4099, 4914 Hondel, C. A. M. J. J. van den 7495 Honegger, J. 7647 Hong, C. B. 7022 Hong, I. P. 7220 Hong, I. P. 7220 Hong, J. 7512 Hong, J. U. 427 Hong, M. K. 427-428, 901 Hong, N. 5165 Hong, S. K. 5852 Hongo, T. 1751 Honkura, R. 4888, 4890 Honrao, B. K. 4285 Hood, I. A. 5108, 8096 Hooda, I. 1086, 4196, 4583, Hoog, G. S. de 218, 5426 Hoogland, A. E. 3620 Hoogstraten, J. G. J. 4150 Hoos, G. 2511 Hopcroft, D. H. 2269 Hopkins, D. L. 346, 2679, 4143 Hopkins, W. L. 4655 Hopkirk, G. 1414 Hopp, H. E. 5015, 7464 Hoppe, H. H. 3013, 3622, 5176, 5993, 6065, 8216 \$176, 5993, 6065, 8216 Hoque, E. 529 Horak, E. 5315 Horgen, P. A. 5422, 8062 Hori, N. 1593 Horino, O. 336, 341, 8210 Horiuchi, K. 5432, 6108 Horiuchi, M. 5432 Horiuchi, N. 5144 Horiuchi, S. 7417 Hormuzdi, S. G. 7387 Horn, K. 2959 Horn, R. 7036 Hornby, D. 4024, 6467, 72 Hornby, D. 4024, 6467, 7215

Horntvedt, R. 4468 Horsch, D. H. 608 Horsch, R. B. 6716 Horsley, D. 5247 Horst, R. K. 360, 372-373, Horst, R. K. 360, 372-373, 854, 866, 6193 Horton, J. S. 5422 Horváth, J. 7392, 7917, 8327 Hosagoudar, V. B. 213, 1858, 3877, 3879 Hoshika, E. 3820 Hosking, G. P. 6785, 8056 Hosoe, T. 3164 Hosokawa, D. 493, 1451 Hossain, M. A. 2625, 3023, 3279 3279 32/9 Hossain, M. D. 2191 Hossain, M. M. 2215, 6090 Hoste, B. 3309 Hostettmann, K. 43 Hou, Q. S. 3997 Hou, W. Z. 2931 Hou, Y. J. 5014 Houang Gia Diem 3795 Houdeau, G. 1089 Housley, T. L. 4793 Houston, D. R. 6790 Howmøller, M. S. 5597-5598 Howard, F. W. 5853 Howard, F. J. 1649, 3360, 5731, 6523 Howard, S. 5784 Howard, S. 5784 Howarth, M. J. 5346 Howe, J. 7363 Howe, P. D. 6229 Howe, V. K. 2485 Howell, S. H. 2641 Howell, W. E. 2798 Hower, A. A. 414 Howie, W. 6394 Howson, J. M. 3095 Höxter, H. 5607 Hoy, J. W. 4751, 6742 Hoyoux-Roche, D. 6245 Hoyoux-Roche, D. 6245 Hoyt, J. 2472 Hradil, C. M. 1979 Hrazdina, G. 6043 Hrmová, M. 1209 Hršelová, H. 1760, 1778 Hseu, R. S. 2272 Hseu, S. H. 6211, 6777 Hseu, S. H. 6211, 6777 Hsieh, T. F. 4075 Hsieh, W. H. 1834-1836, 4293, 5412, 7264 Hsu, H. T. 705, 852, 3536, 4183 4183 Hsu, L. W. 1046 Hsu, S. T. 6208, 6211, 6777 Hsu, Y. H. 705, 1904, 6665 Hu, C. C. 4802 Hu, H. 2522 Hu, H. T. 6302 Hu, J. S. 3474 Hu, Q. L. 7680 Hu, W. Q. 8197 Hu, Y. X. 1844 Hu, Z. J. 6559 Hu, Z. J. 6559 Huang, B. L. 7974 Huang, C. H. 4319, 6534 Huang, C. J. 6505 Huang, C. L. 4312 Huang, D. C. 4828 Huang, F. L. 2292, 3576 Huang, F. Y. 4085 Huang, H. C. 458, 1727, 5731, 6045 5731, 6045 Huang, H. H. 1520 Huang, J. H. 686 Huang, J. W. 2353, 3577-3578 Huang, J. Z. 1689 Huang, K. H. 1583 Huang, L. J. 7955 Huang, M. C. 2887 Huang, P. Y. 5473 Huang, Q. G. 4095 Huang, W. X. 2935 Huang, X. M. 3608 Huang, Y. 2461, 7670 Huang, Y. C. 4265 Huang, Y. H. 5516

Huang, Y. J. 2610 Hubbes, M. 5069, 6789, 8062 Huber, S. 2232 Hudler, G. W. 1000 Hudon, M. 2001 Hudspeth, M. E. S. 5906 Hugelshofer, U. 5295 Hugemeister, U. 1970 Hughes, C. 1213 Hughes, F. L. 1910, 5894 Hughes, F. L. 1910, 5894 Hughes, R. K. 1595 Hughes, T. A. 1684 Hugueney, C. 6651 Huguent, C. 3925 Huguet, J. 3117 Huhndorf, S. M. 7268 Huijberts, N. 3660 Huiskamp, T. 5200 Hulbert, S. H. 2391-2392, 6496 6496 6496 Hull, R. 1892, 2972, 3907, 4352, 4875, 5247 Hulluka, M. 4156 Hulst, C. T. C. van der 2693 Humphreys, A. 3124 Humphreys, S. P. 1954 Hundal, J. S. 1098, 8309 Hung, L. L. 125 Hung, M. N. 3733 Hunger, H. D. 2540 Hunger, R. M. 5535 Hunger, R. M. 5535 Hunje, R. V. 2378 Hunold, R. 3281 Hunold, R. 3281 Hunst, P. L. 5168 Hunt, A. G. 5478, 7338 Hunt, R. E. 6415 Hunt, R. S. 3581, 5955 Hunter, B. G. 1262 Hunter, D. G. 6100 Hunter, D. G. 6100 Hunter, J. E. 3627 Hunter, T. 283 Hunyadi, K. 8327 Huo, Y. L. 2945 Husain, A. 3823, 7894 Husain, S. I. 628-629, 4568, 5922, 5977, 7199, 8247 Huskisson, N. S. 4768 Huse H. 880 Huss, H. 880 Hussain, M. 4009 Hussain, S. 1624, 3957, 4102 Hussain, S. 1624, 3957, 419
Hussaini, S. H. 1029
Hussein, F. N. 3035
Hussein, H. M. 4065
Hussein, N. A. 8245
Hutcheon, J. A. 575, 5593
Hutcheson, S. 5050
Hutcheson, S. W. 5260
Hutchinson, P. J. 8127
Hutchinson, R. H. 188
Hutchinson, R. M. 4727 Hutchinson, R. M. 4727 Hutchison, D. J. 4136 Hutchison, L. J. 121, 1753-1754, 7106 Huth, W. 728 Hutschemackers, J. 3097, 3723 3723 Hutson, D. H. 3734 Hüttermann, A. 5081 Huttinga, H. 7391 Hutton, D. G. 4280 Huttunen, S. 8107 Hutzler, P. J. S. 529 Huynh, Q. K. 6975 Hwang, B. K. 5211, 6121 Hwang, S. C. 3468, 4107 Hwang, S. F. 6101 Hyakumachi, M. 3593 Hyakumachi, M. 3593 Hyde, G. J. 4722 Hyde, K. D. 7086, 7288-7289 Hyde, P. M. 758 Hyun-Heo 7220 Iacobellis, N. S. 914, 2040, 5267 Iamsupasit, N. 6616 Iannelli, D. 7708 Ibrahim, G. 719 Ibrahim, I. F. 4012 Ibrahim, N. A. 3035 Ichida, J. M. 983

Ichikawa, K. 8154 Ichinose, Y. 3003 Ichitani, T. 1803, 2521, 7251 Ida Bharti 6374 Idicula, S. P. 3523, 7950-7951 Idicula, S. P. 3523, 795 Idini, G. 6114 Idris, A. M. 4159 Ieki, H. 1431 Iezzoni, A. 6643, 7755 Igarashi, Y. 7058 Ignátescu, I. 7547 Ignatova, S. 882 Ignátowa, S. 882 Iguchi, K. 2664 Ihn, W. 7180 Iiguni, Y. 8306 Iitomi, A. 4885 Iitomi, A. 4885 Ikeda, S. 4653 Ikeda, T. 7313-7314 Ikegami, M. 1917, 2537, 5481, 7373, 7382 Iken, J. 2491 Ikin, R. 6298 Ikotun, T. 1642 Il'eva, I. K. 5966 Ilgen, G. 1562 Ilgen, G. 1562 Iliescu, H. 5172 Iliev, I. 2609, 5576 Iliev, I. V. 2578, 6442 Iliev, P. 2784, 2786 Il'in, K. V. 3910 Il'inskii, P. O. 3910 Illingworth, C. A. 3892 Illman, W. I. 3185 Ilott, T. W. 2392 Imai, R. 7058 Imai, S. 7083 Imaizumi, S. 7313 Imaizumi, S. 7313 Imamura, J. 2066, 2068, 2070, Z000 Imamura, J. S. 2072 Imanishi, T. 494, 2197 Imbe, T. 1364 IMPACT AgBioBusiness 2582, 4618, 7305, 7334 Imura, E. 2323 Inagaki, K. 7624 Inbar, Y. 8167 Indenko, I. F. 6623 Indi, D. V. 141, 146 India, National Research Centre for Spices 1115-1116 Indian Phytopathological Society 3695, 6160
Indian Society of Mycology and Plant Pathology 5234, 6952 Indian Society of Plant Pathologists 6951 Indira Kalyanasundaram 2021, 7598 Indra Hooda 1086, 4196, 4583, 8263 4583, 8263 Indu Sharma 1958, 4810-4811, 7480, 7484 Infantino, A. 3026 Ing, B. 696, 1852, 5405-5406, 7255 Ingerfeld, M. 6032 Ingerson-Morris, S. M. 1396 Ingham, B. J. 7361 Ingham, E. R. 7101, 7112 Ingham, J. L. 4195, 5151, 7206 7206
Ingle, M. 2772
Ingle, R. W. 7191
Ingleby, K. 6313, 7104
Inglesy, P. J. 7358
Inglis, G. D. 1598
Ingold, C. T. 4729
Ingram, D. S. 1592, 6831
Ingram, W. A. 512, 517
Inman, R. D. 5763
Innes, J. L. 6786
Innes, R. W. 3106
Inoue, A. K. 7919
Inoue, M. 1803, 6116
Inoue, S. 7600
Inoue, T. 2306
Inouye, N. 375, 1917, 4040, 7373, 7378, 7391, 7702

Inouye, T. 1456, 2396, 7714-7715, 8297, 8321 Inouye, Y. 4681 International Board for Plant Genetic Resources 5131 International Center for Agricultural Research in the Dry Areas 655-656 International Crops Research Institute for the Semi-Arid Tropics 4627 International Labour Office 4658 International Organization of Citrus Virologists 7655 Intini, M. G. 695 Intini, M. G. 695 Intropido, M. 2261 Ioannou, N. 8168 Iodi, M. 4297 Ip, D. W. 8090 Ipinza, R. 2262 Ippolito, A. 5673-5674 Iobal S. H. 691, 1033 Iqbal, S. H. 681, 1033-1034, 1791 Iqbal, S. M. 1624, 8282 Iqbal, S. M. 1624, 8282 Iqbal Singh 720, 739 Irby, C. 1178 Irey, M. S. 7967 Iriarte, V. 6354 Irie, H. 3412 Irino, T. 7077 Irshad Ali 7557 Irvine, J. I. M. 3060 Irwin, J. A. G. 890, 1405, 1878, 2149, 3366, 5190, 6616, 8213 Irwin, M. E. 3905, 5245, 5 6616, 8213 Irwin, M. E. 3905, 5245, 5446 Isac, M. 3434 Isaev, R. F. 5527 Isakov, K. T. 3025, 8260 Iser, J. R. 3152 Ishchenko, L. A. 6955, 7764 Ishibashi, N. 6355 Ishigaki, H. 4829 Ishiguro, K. 821 Ishibama, A. 3977 Ishihama, A. 3927 Ishii, H. 7785 Ishii, M. 3953 Ishikawa, K. 1915 Ishikawa, M. 5905 Ishikawa, Y. 7330, 7919 Ishimaru, C. 3628 Ishimine, M. 4511 Ishitani, M. 5197 Ishitani, Y. 1819 Isikov, V. P. 8040 Islam, M. R. 354, 7693 Islam, M. S. 2356 Islam, N. J. 2330 Islam, S. J. 1639 Ismail, I. M. K. 1720, 2399 Ismailov, E. 4906 Ismailov, E. 4906 Isogai, A. 2225, 4920 Isogawa, Y. 1819 Isogawa, Y. 6525 Isomura, Y. 1917, 7373 Isono, K. 56, 7079 Israel, H. W. 854 Israel, Israel Ministry of Agri-culture 6147 Ito, K. 1682, 7991 Ito, M. F. 7703 Ito, Y. 8018 Itoh, M. 5427 Itoh, S. 8153 Ittu, G. 2593 Ittu, M. 2593 Ittu, M. 2593 Iturriaga, T. 4749 Ivancia, V. 7877 Ivanov, P. I. 3229 Ivanova, D. G. 1805 Ivanyuk, V. G. 2984 Ivashchenko, V. G. 4853, 5620, 6501, 7555 Ivbijaro, M. F. 8316 Ivchenko, N. M. 7992 Ivens, G. W. 1700, 4656 Ivina, N. S. 3740 Ivory, M. H. 1756 Ivshin, G. I. 4935 Ivshin, G. I. 4935 Iwai, H. 1604, 2397 Iwakuma, T. 7611

Iwano, M. 337 Iwano, M. 33/ Iwasaki, T. 5465 Iwase, K. 669 Iwata, C. 494, 2197 Iwata, M. 2237 Iyer, J. 75, 7098-7099 Iyer, R. 124, 5355, 6329 Izadpanah, K. 1586, 7428 Izadpire, Mayoral, M. I. Izaguirre-Mayoral, M. L. 3210 Izaki, K. 1682 Izaki, K. 1002 Izmailova, L. P. 6021 Izumrudov, V. A. 3219 Izvekova, L. I. 7344 Jaarsveldt, M. van 2616 Jabaji-Hare, S. H. 5373 Jablonsky, P. P. 180 Jabri, M. R. A. 5977 Jackson, A. M. 4592, 5386, 7194 Jackson, A. O. 314, 1262, 2235 Jackson, G. V. H 6940 Jackson, K. E. 1077, 1656 Jackson, L. F. 1325 Jackson, M. A. 1821, 3068, 6139, 8328 o 139, 8328 Jackson, N. 3357 Jackson, P. A. 2886 Jackson, P. J. 2794 Jackson, R. J. 5307 Jackson, W. A. 1005 Jacob, C. K. 644, 3523, 7950-7951 Jacob, M. 857, 2700 Jacob, R. J. 1809 Jacobi, K. K. 5800 Jacobi, W. R. 1519, 5098 Jacobs, G. 1327 Jacobson, D. J. 589-590 Jacobson, D. J. 589-590 Jacobson, D. J. 589-590 Jacobson, J. S. 5117 Jacq, V. A. 7649 Jacquart-Romon, C. 3429, 4213 Jacquemond, M. 3540, 5494, 5920 Jadeja, R. G. 6055 Jadon, B. S. 5565 Jaeger, H. 6695 Jaegle, M. 4371 Jagadish, M. N. 5493 Jagannathan, R. 2675 Jagdish Chandra 5797 Jagdish Prasad 6908 Jager, G. 2871 Jäger, H. J. 4401, 5589 Jäger, J. 2454 Jagnow, G. 701 Jagoda, G. 2122 Jagpal, R. 173 Jahn, M. 7456 Jahn, N. 3090, 3100 Jahoor, A. 2626 Jain, M. P. 5846 Jain, N. K. 7054 Jain, P. C. 7434 Jain, P. C. 7434 Jain, R. K. 129, 7596 Jakobsen, I. 168, 1774 Jakuševa, A. 2122 Jagdish Prasad 6908 Jakuševa, A. 2122 Jalal, T. K. 2633 Jalali, B. L. 136, 143, 153, 155, 159, 4582, 7130 Jalaluddin, M. 6449, 6529 Jalani, B. S. 1364 Jamaluddin 4443 Jamaluddin 4443 Jamart, J. 3746 Jameel, W. N. 968 James, D. 924, 2157 James, D. M. 52 James, G. L. 7954 James, R. L. 4434, 4440, 5090, 5935 James, T. D. W. 5439 Jamet, P. 6216, 6245 Jamieson, A. R. 6657 Jamieson, A. R. 6657 Jamil, K. 152 Jana, B. K. 1924 Janardhanan, K. K. 2502, 3823, 6325, 6973 Janda, M. 7340 Janekittivong, A. 1066

Jang, J. C. 3579, 4450 Jang, P. 2332, 8151 Jani, S. M. 4301 Janick, J. 7769 Janisiewicz, W. 4940 Janisiewicz, W. J. 440 Janjić, V. 6133 Janowicz, K. 3764 Janse, J. D. 5512 Jansen, A. E. 4700, 7109 Jansky, S. H. 4335 Janssen, B. 6268 Jarausch, W. 8124 Jardine, D. J. 4548 Järlfors, U. 5045 Jarlfors, U. E. 8073 Jarlfors, U. E. 8073 Jarnail Singh 3040 Jarosz, A. M. 6978, 7533 Jarosz, B. 7181 Jarrett, R. G. 538 Jarriel, W. S. 2222 Jarvis, B. C. 8140 Jarvis, W. R. 2351 Jarvis-Eagan, N. 6607 Jasbir Kaur 1071, 6076, 6078, 7874 Jaspars, E. M. J. 2551, 5046 Jassim, H. K. 536, 2928 Jasvir Singh 7596 Jaswal, A. S. 472, 5775 Jaswinder Kaur 7248 Javed, Z. U. 6545 Javed, Z. U. R. 2046 Jayamanna, P. B. 1080 Jayanta Saha 1616 Jayaraj, J. 7613 Jayaraj, S. 7318 Jayaram, C. 3935 Jayaram, K. M. 3052 Jayaramagowda, B. 5619 Jayaramagowda, B. 5619 Jayaramaiah, M. 6667 Jayaraman, P. 7598 Jayarathnam, K. 7950 Jayasekhar, M. 4556 Jayaseri Chaudhuri 1149 Jayaswal, R. J. 3107 Jayaweera, K. P. 5648 Jaynes, J. M. 2081 Jayshree 4715 Jaysnree 4/15 Jeanmaire, C. 1792 Jeblick, W. 4652 Jeffers, S. N. 2140-2141, 3450, 4968, 5741, 6655 Jeffries, P. 892 Jeger, M. J. 892, 2688, 3709, 3716, 4276 Jejelowo, O. A. 8148 Jelke, E. 7159 Jelkmann, W. 3207 Jellis, G. J. 607, 3631, 5888, 6873 Jendrulek, T. 8291 Jeng, R. S. 5069, 6789 Jenkins, J. 29 Jennerjahn, M. 5012 Jennings, D. 4623 Jennings, D. M. 1631, 1633 Jensen, C. G. 7197 Jensen, J. 2627 Jensen, J. S. 1018 Jensen, L. C. W. 7197 Jensen, P. E. 1902 Jensen, P. E. 1902 Jensen, R. A. 5262 Jensen, S. G. 3198, 4852 Jeong, I. M. 4999 Jeong, T. W. 4999 Jeong, Y. H. 427-428, 901 Jerie, P. 4383 Jerie, P. H. 4252 Jeschke, N. 7225 Jeske, A. 5242 Jesperson, G. D. 5727 Jesperson, G. D. 5727 Jester, W. R. 6130 Jeun, Y. C. 5211 Jewers, K. 4074 Jeyarajan, R. 348, 351, 644, 2057, 2429, 4086, 5644, 6143, 6557, 7592-7594, 7641-7643, 7854, 8207 Jha, A. K. 4360

Jha, D. K. 5401, 6852, 8284 Jha, H. C. 3149, 3758 Jhamaria, S. L. 5896 Jhooty, J. S. 4281, 5575, 5988 Jhune, C. S. 3663-3664 Ji, Y. 4132 Jia, X. Z. 990 Jia, Y. 1014 Jiang, G. 768 Jiang, G. Z. 1845 Jiang, H. 4509 Jiang, H. F. 6895 Jiang, H. F. 6895 Jiang, H. R 2274 Jiang, J. 7161 Jiang, P. H. 3525 Jiang, S. 834 Jiang, Y. 8014 Jianping, C. 1328 Jiménez, J. M. 272, 6138 Jimenez, M. J. 2908 Jiménez de Blas, O. 2530 Jiménez-Díaz, R. M. 4572 Jíménez-Díaz, R. M. 7231, 8172, 8283 Jiménez Fonseca, E. 5746 8172, 8283
Jiménez Fonseca, E. 5746
Jin, D. D. 329
Jin, G. F. 2279
Jin, J. R. 2930
Jin, S. 1671
Jin, W. Y. 2277
Jin, Y. D. 5646
Jin, Z. A. 7680
Jin, Z. W. 2267
Jindal, K. K. 912, 1054, 3653, 5772, 8074, 8242, 8287
Jing, J. X. 4824
Jing, S. Z. 2296
Jing, Y. 542, 2294, 2931
Jirawongse, S. 6295
Jiricny, J. 2552, 7385
Jitendra Singh 5193
Joaquim, T. R. 3850, 6730
Jochimsen, K. N. 3030
Joc, Y. 3308, 6524, 7628
Johal, G. 1335, 1346
Johal, G. S. 6053
Johal, K. K. 5703
Joharin, B. N. 6330
John, A. E. 4074
John, R. 5419
John, V. T. 7632
Johnson, A. W. 1707
Johnson, B. N. 1749, 6312, 7100
Johnson, C. M. 275, 464 7100 Johnson, C. M. 275, 464 Johnson, C. S. 4359 Johnson, D. A. 915, 2402, 3596, 4299, 8303 Johnson, E. L. V. 5327, 5350 Johnson, G. I. 4277, 7980 Johnson, G. W. 45 Johnson, J. D. 6804 Johnson, K. B. 2212, 5444 Johnson, L. E. B. 6437 Johnson, L. E. 3176 Johnson, L. E. B. 6437 Johnson, L. F. 3176 Johnson, M. C. 5720 Johnson, R. 299 Johnson, R. D. 4503 Johnson, R. R. 4126 Johnson, S. B. 5891 Johnson, S. L. 6227 Johnson, S. W. 7170 Johnson, W. C. 5686, 6561 Johnson, W. C. 3680, 6361 Johnson-Cicalese, J. M. 6598 Johnsson, L. 3264, 5570-5571 Johnston, H. W. 1274 Johnston, P. R. 345, 649, 3062 Johnston, R. 7366 Johnston, R. E. 4771 Johnston, R. H. 312, 2606 Johnston, R. H. 312, 2606 Johnston, S. A. 641 Johnstone, K. 6831, 8296 Joisson, C. 7370 Jolidon, S. 5289 Jolly, C. A. 7367 Jolly Garg 4181 Jonard, G. 7390 Jones, A. D. 8069 Jones, A. L. 4234 Jones, A. R. C. 4409

Jones, A. T. 2146, 3452, 3553, 6397, 7807 Jones, B. L. 6894 Jones, C. G. 515, 520-523 Jones, D. A. 2452 Jones, D. B. 6518 Jones, D. B. 6518 Jones, D. R. 1275, 4230, 7530 Jones, J. B. 5058, 5928-5929, 5932, 6780 Jones, J. P. 4374 Jones, M. 6187 Jones, M. C. 4875 Jones, M. D. 4690, 5318 Jones, M. J. 2352 Jones N. 46 Jones, N. 46 Jones, O. R. 1299 Jones, P. 226, 5532 Jones, P. W. 1297 Jones, R. A. 6772 Jones, R. A. C. 3500, 5734, 6614, 7758 Jones, R. K. 356 Jones, R. L. 3782 Jones, R. W. 314 Jones, S. A. 7005 Jong, A. de 5186 Jong, M. D. de 5216, 8336 Jong, S. C. 216, 1868, 1872, 3891, 4748 Jongbloed, R. H. 4697 Jongen, M. J. 3328 Joosten, M. H. A. J. 1476, 5055 5055 Jordan, M. M. 1634-1635, 2245, 2398 Jordan, R. 3916 Jordan, V. W. 575 Jordan, V. W. L. 283, 5593 Jörg, E. 4001, 6448 Jorgensen, J. H. 2619 Jørgensen, L. N. 732-734, 745 Jork, H. 5283 Jorrin, J. 1400 Jorritsma, I. T. M. 762-763 Jose Abraham 2847 Jose Mathew 6330 Jose Mathew 6330 Joseph, C. A. 1363 Joshi, H. K. 408 Joshi, L. M. 4006, 5539, 7485 Joshi, N. C. 1154, 6294 Joshi, R. C. 1154 Joshi, R. D. 8159 Locki S. 3656 Joshi, K. D. 8139 Joshi, S. 3656 Joshi, S. S. 3833, 4710 Joshi, U. N. 4200 Joshi, Y. 7902 Jouanneau, J. P. 7984 Joubert, M. S. 6864 Joubert, M. S. 6864 Jourdain, E. L. 1042, 5982 Jourdan, G. P. 46 Jovin, T. M. 6403 Joyce, L. E. 1897 Joye, G. F. 1651 Juarez, C. 5787 Juárez, J. 2673, 3437 Judelson, H. S. 5360 Jun, Y. 6376 Juncker, B. 1168 Jung, G. A. 879 Juncker, B. 1168 Jung, G. A. 879 Jung, M. 1731, 5377 Jung, M. K. 5398 Jung, Y. T. 439, 5646 Jungblut, P. R. 3632 Junge, H. 3327 Jupin, I. 7390 Juretić, N. 5137, 8327 Jurnak, F. 1127 Jutidamrongphan, W. 4 Jutidamrongphan, W. 4788 Juzwik, J. 4447, 5075 Jyoti Saxena 5400, 7168 Jyoti Singh 1103 Kaack, K. 5780 Kabalkina, N. A. 315, 4778, Kabanov, V. A. 3219 Kabashima, J. 364, 3899 Kabeel, M. T. 2311 Kable, P. F. 2132, 2826 Kabre, A. 3803, 3806 Kaburu, E. A. 7846

Kádár, I. 4839 Kadar, I. 4839 Kadian, O. P. 739 Kado, C. I. 1670, 1697-1698, 2451, 3720, 5255, 5257 Kadota, I. 2033 Kadyrov, M. A. 6474 Kaganda, N. G. 8323 Kagi, T. 2422 Kagi, 1. 2422 Kagiwata, T. 2707 Kahn, E. 5307 Kahn, R. P. 6293, 6996-6997 Kahveci, E. 2350 Kai, H. 3177 Kaile, A. 6832 Kairu, G. M. 6540, 7676 Kais, A. G. 8094 Kaiser, C. A. 8073 Kaiser, S. A. K. M. 798, 1342, 1351, 1997-1998, 3493 Kaiser, W. J. 1055, 2723, 3283, 3616 Kaiser Jamil 152 Kaji, K. 5054, 5169 Kaji, M. 547 Kakareka, N. N. 7429 Kakareka, N. N. 7429 Kakarekan, N. 380 Kakishima, M. 205, 210-211, 219, 1877, 4753 Kakutani, K. 4653 Kakutani, T. 3938, 5489 Kalaichelvan, P. T. 6072 Kalaimani, T. 3526, 5033, 5895 Kalanquin, D. 6695 Kalappanavar, I. K. 202 Kale, P. N. 146 Kalia, N. R. 2386 Kalinina, L. V. 4934 Kalinina, N. O. 5909 Kallender, H. 714 Kalloo 1467 Kalloo 1467 Kalpana Sastry 7902 Kalra, A. 3497 Kalra, S. K. 7831 Kalsi, P. S. 1718 Kalsotra, B. L. 7070 Kaltschmidt, B. 2797 Kalus, Yu. A. 5530 Kalve, V. 525-526 Kalvanassundaram, I. Kalyanasundaram, I. 2021, 7598 Kamakura, T. 496 Kamal 1842, 3180, 3881, 3896, 7237, 7253, 7283, 7287 Kamala Nayar 8314 Kamara, A. M. 4157 Kamboj, R. K. 1621 Kambourakis-Tzagaroulakis, E. 4381 Kamdar, H. V. 6869 Kamemoto, H. 2080 Kameya-Iwaki, M. 244 Kamio, Y. 1682 Kamitani, T. 547 Kammann, M. 1936 Kammen, A. van 244, 1909, 5186-5187 Kammerbauer, H. 5118, 6308 Kamoen, O. 3746, 4289 Kamoun, S. 1697-1698 Kamp, B. J. van der 3580 Kampert, M. 8227 Kampmeier, G. E. 3905, 5245 Kanapathipillai, V. S. 6671, 6911 Kanarskaya, L. N. 4934 Kanatani, R. 7175 Kandasamy, D. 66, 135, 1184, 3817 Kandiannan, K. 7612 Kandiannan, K. 7612 Kandler, O. 4396 Kaneko, A. 3792 Kaneko, S. 5105 Kaneko, Y. 662 Kaneshige, H. 7702 Kang, H. T. 2521 Kang, H. W. 2087 Kang, M. S. 720, 1028, 4067, 4864, 7503-7504, 7614-7615 Kang, S. M. 7948

Kang, S. W. 454, 4101 Kang, Y. G. 2238 Kang, Z. 4004, 6454 Kang-fu Y. 7757 Kaniewska, M. 4875 Kaniewski, W. 5908, 6716 Kaniewski, W. K. 1247 Kannaiyan, J. 2379, 3021, 6886, 8217, 8253, 8279, 8784 8284 8284 Kannan, K. N. 2046 Kannan, N. 2681, 3317 Kano, H. 1915 Kano, M. 4098 Kanoh, H. 7606-7607 Kanoongo, N. 39 Kanwar, J. S. 6770 Kanwar, V. 6858 Kanygina, N. E. 2254 Kanyuka, K. V. 3944 Капуака, К. V. 3944 Капхаwa, К. 2323, 2327 Као, С. W. 4294 Као, L. B. 609 Карег, J. M. 1469-1471, 3209, 4369, 6766 Kapich, A. N. 7178 Kapoor, A. 128, 138, 1793, 1793, 3816 Kapoor, A. S. 4006 Kapoor, I. J. 4385 Kapoor, J. N. 1860, 3187 Kapoor, K. S. 2409, 2418-2419, 6054 2419, 6054 Kaporr, I. J. 8010 Kappel, F. 430 Kapur, S. P. 7651-7652 Kapustina, V. M. 7934 Kar, A. K. 4562, 6367 Kar, B. 8010 Kara, D. V. 1059 Karaca, I. 3232 Karadwid P. 4002 Karadavid, R. 4902 Karadzhova, J. 2579 Karadzhova, Ĭ. 2579 Karageorgiev, D. 6221 Karan, M. 7733 Karanjeet Singh 1370 Karanth, N. G. K. 7599 Karapapa, V. 4380 Karasawa, D. 5144 Karasev, A. V. 3945, 4489, 5475, 5970, 7356 Karayama, Y. 5427 Karayiannis, I. 3444 Karbach, S. 6268 Karbach, S. 6268 Karban, R. 2686 Karchi, Z. 3610 Karcılıoglu, A. 2173 Karcilloglu, A. 2173
Kareem, A. A. 814
Kares, C. 6200
Karg, W. 4936, 6424
Karimov, T. 2210
Karjalainen, R. 1294, 4022, 4047, 4052, 6465
Karjalainen, S. 1294, 4022
Karki, P. B. 6085
Karl, E. 4762-4763
Karlatti, K. S. 395
Karlatti, R. S. 2105, 7729
Karlsson, J. O. 4728
Karlsson, M. B. 6207
Karlsson, S. 7385
Karmakar, S. 2168
Karni, L. 4268
Karnosky, D. F. 1518 Karnosky, D. F. 1518 Karolewski, P. 1537 Karpets, I. P. 4165 Karr, A. L. 7080 Kartaatmadja, S. 4519 Kartausova, V. A. 4937, 4962 Kartheuser, V. 976 Kartoshkina, N. F. 3509 Kartte, S. 5743-5744 Kartte, S. 5/44-5/44 Karunakar, R. I. 7569 Karwasra, S. S. 7472, 7936 Kasdorf, G. G. F. 2156, 2824 Kashakashvili, Ts. S. 5671 Kashemirova, L. A. 7535 Kashihara, H. 53 Kashiwazaki, S. 1250, 3923, Kasparov, V. A. 3740

Kassab, A. S. 3821 Kassar, A. 2426 Kaster, S. V. 45 Kastirr, R. 4764, 6421 Kastirr, U. 2971, 5134 Kasuya, M. C. M. 1188 Kas'yanenko, A. G. 7507 Kas'yanenko, A. G. /50/ Kas'yanov, A. I. 4082 Kasymov, A. K. 349 Kaszuba, J. 5721 Katagi, T. 1726 Katagiri, M. 3307 Katan, J. 369, 3544, 3865, 4182, 4208, 4364, 4591, 5013 5913 Katan, T. 369, 3544 Kataoka, J. 7351-7352 Kataria, H. R. 3999, 5295, 5984 Katarzhina, L. A. 8138 Katarzhina, M. 10 Katerinas, A. 3096 Katinger, H. 3204, 7348 Katinger, H. W. D. 3205, Aatinger, H. W. D. 3. 3942 Katis, N. 7342 Katiyar, N. 6681 Katiyar, R. P. 2384 Katkov, V. S. 5909 Kato, T. 6278 Katoh, T. 4880, 4898 Katona, A. 449 Kats, G. 2812 Katsuki, T. 3792 Kattner, D. 3135 Katul, L. 5485 Katumoto, K. 6000 Katumoto, K. 6000
Katz, B. H. 3082, 6634, 8132
Kauffmann, S. 6744
Kaul, A. K. 5883, 6529, 8264
Kaul, J. L. 433, 893, 910,
4228, 5752, 5758, 5760,
6630-6631, 7783, 7838
Kaul, V. K. 1104-1105
Kaula, G. M. 1358, 3296
Kaur, G. 1085, 8266
Kaur, G. 1085, 8266
Kaur, G. 1071, 6076,
6078, 7248, 7874
Kaur, L. 8267
Kaur, N. 688
Kaur, P. P. 2704
Kaur, R. 147, 162
Kaur, S. 624, 687, 1958, 2607,
2705, 3779, 6770, 7483,
7724
Kaushal, R. P. 1084, 3000 Kaushal, R. P. 1084, 3000 Kaushal, R. P. 1084, 3000 Kaushal, S. C. 5703 Kaushik, C. D. 2331, 4505 Kaushik, J. C. 2331, 4505 Kauss, H. 3075, 4652, 5147 Kavanagh, J. A. 3592 Kaveriappa, K. M. 3236 Kavuncu, O. 6906 Kawai, A. 4124 Kawai, K. I. 3164 Kawai, B. R. 3012, 6877 Kawai, K. I. 3164 Kawale, B. R. 3012, 6877 Kawamoto, S. O. 854 Kawaratani, M. 2422 Kawasaki, A. 3762 Kawashiro, H. 8156 Kawata, E. E. 3213 Kaye, G. R. 2830 Kazachenko, R. F. 5974 Kazunori, K. 612 Kazunori, K. 612 Keane, E. M. 1297 Keane, P. J. 3974, 4131 Kearney, P. J. 3974, 4131 Kearney, B. 2414 Kearney, C. M. 967, 3233 Keck, M. 894, 930, 2754, 3380, 4649 Kedar, N. 4368 Kedrova, L. I. 7546 Keel, C. 5910 Keen, J. 24 Keen, N. 2247 Keen, N. 2247 Keen, N. T. 2372, 5024, 5177, 5260, 6966 Keese, P. 3929 Kegasawa, K. 5170, 8204-8205 Kegler, G. 1761

Kegler, H. 580, 2538, 2543, 2856, 2971, 4759, 4946, 5242, 5502, 6015 Kehlenbeck, H. 6872 Kehri, H. K. 134 Keinath, A. P. 2214, 6729 Keizer, A. 518 Keizer, G. 3184 Kelkar, S. S. 7711 Kellas, J. D. 538 Keller, N. P. 4060 Keller, N. P. 4060 Keller, T. 8047 Kelley, V. C. 2114 Kelly, D. J. A. 3840 Kelly, J. L. 4121 Kelly, J. M. 1554, 5106 Kelly, W. D. 4429 Kelman, A. 4333 Kelsey, R. G. 6800 Kemmerer, E. 4096 Kemp, G. H. J. 293, 2616 Kempa, R. 2349 Kempler, C. 5803 Kendall, S. J. 6437, 6484 Kendall, T. L. 3936 Kendall, T. L. 3936 Kendrick, B. 3790 Kenerley, C. M. 365, 2688 Kenfield, D. 2514, 5387 Kenmore, P. E. 6514 Kennedy, D. M. 6661 Kennedy, H. E. 985 Kennedy, J. F. 1198 Kennedy, R. 2246 Kenneweg, H. 5064 Kenworthy, W. J. 6061 Kenya, Coffee Research Foundation 7677 Kenya Coffee 6541 Kenya Coffee 6541 Kenyon, J. 4363 Keon, J. P. R. 5161 Kerber, E. R. 747, 1948 Kerfourn, C. 1526 Kerlan, C. 3594-3595 Kern, H. W. 187 Kerr, A. 2452, 3482, 3721 Kerr, H. D. 6601 Kershaw. D. J. 8034 Kershaw, D. J. 8034 Kerssies, A. 3336 Kersters, K. 3111, 3309 Kesselmeier, J. 4672 Kester, D. É. 434 Ket, P. C. 90 Kettrup, A. 1561, 4190 Keya, S. O. 1058 Keyser, G. C. 5535 Keysor, A. 524 Keysor, A. 524 Khabibulina, F. M. 8091 Khadair, M. A. 5512 Khader, M. A. 7854 Khader, S. E. S. A. 2816 Khair, A. 7630 Khairnar, D. N. 2015, 2653 Khairullin, R. M. 7446 Khalid, A. 65, 2483 Khalid, S. 4318, 7548 Khaliel, A. S. 122 Khalil, I. A. 3998, 5529, 7053 Khalil, Kh. A. 8305 Khalil, M. S. 2053-2054, 2060 Khamees, M. A. F. 4304 Khames, M. A. F. 4304 Khampson, M. S. 7934 Khan, A. J. 50 Khan, A. K. 2191 Khan, A. M. 2347 Khan, F. A. 6762 Khan, H. R. 1624 Khan, J. A. 1905 Khan, K. A. 7076 Khan, M. 7557 Khan, M. A. 7047 Khan, M. I. 5536 Khan, M. I. A. 2417 Khan, M. K. 3896 Khan, M. K. 3896 Khan, M. M. A. A. 4988 Khan, M. Q. 4091 Khan, M. R. 2215 Khan, M. W. 573, 582, 4501 Khan, Q. Z. 679 Khan, R. A. 8249 Khan, R. H. 1716 Khan, R. U. 5999

Khan, S. A. J. 1021, 1107 Khan, S. N. 541, 1489, 4417 Khan, S. U. 5333 Khan, T. A. 628-629, 4568, 5922, 5977, 7199, 8247 Khan, T. N. 3280 Khan, T. N. 3280 Khanazarova, D. K. 7393 Khandelwal, A. 1847 Khanizadeh, S. 3363 Khanna, K. 2705 Khanna, K. K. 7415, 7449 Khanna, P. 8295 Khanna, R. 7449 Khanna, V. K. 303, 313, 1952 Khanzada, A. E. 1021 Khanzada, A. K. 1107, 6010 Khara, H. S. 3883, 8015 Khare, M. N. 632, 4577, 4579, 4581, 5834, 6093, 6098 6098 Khare, R. K. 1712 Khare, U. K. 6111 Khasanov, B. A. 5542, 7427, 7439 Khatskevich, L. K. 7518 Khatua, D. C. 1371, 1924, 6972 Khehra, A. S. 321, 796, 6499 Khetarpal, R. K. 3618, 5631, Khirbat, S. K. 4582 Khokhar, L. K. 484, 2665 Khokhlova, A. P. 7520 Khokhlova, A. P. 7520 Khokhryakova, T. M. 4787 Khonga, E. B. 3988 Khosla, H. K. 4164, 4523, 4531, 6038-6039 4531, 6038-6039 Khovanskaya, K. N. 5974 Khramtsova, M. M. 476 Khripunova, E. F. 426 Khristova, D. 3042 Khrustaleva, V. V. 2900 Khurana, S. M. P. 1244, 3497, 6379 Khush, G. S. 814, 825, 4111, 4113, 4118, 7634 Khvatov, V. I. 4935 Kicinski, H. G. 1561 Kiddle, G. 8150 Kiernan, J. 7384 Kiessling, D. 971 Kiguchi, T. 5489 Kiigemagi, U. 5763 Kik, C. 1632 Kikuchi, Y. 3927 Kikutake, K. 7030 Kile, G. A. 538, 4426, 8055 Killham, K. 198
Kim, B. S. 6120
Kim, C. H. 823, 3046
Kim, C. J. 6122
Kim, C. K. 818, 823, 1766, 4097, 4100, 4882
Kim, C. S. 4225
Kim, D. K. 439, 3045
Kim, E. C. 7021
Kim, G. P. 3663
Kim, H. G. 2087
Kim, H. J. 1006, 4418, 4442, 5851
Kim, H. K. 454 Killham, K. 198 5851 Kim, H. K. 454 Kim, H. T. 3160 Kim, H. Y. 340 Kim, J. G. 470 Kim, J. H. 7022, 7816 Kim, J. J. 4687, 6537 Kim, J. R. 1061, 1083 Kim, J. S. 1096, 4442. Kim, J. S. 1096, 4442, 4546 Kim, K. H. 4433, 4733, 4857 Kim, K. K. 2362 Kim, K. S. 3323, 3678, 3683 Kim, K. W. 3169 Kim, M. S. 5852, 6683 Kim, N. Y. 4733 Kim, S. B. 4225 Kim, S. D. 6122, 6428 Kim, S. K. 6490 Kim, W. 777 Kim, W. G. 818 Kim, W. K. 1196, 5096

Kim, Y. C. 8206 Kim, Y. H. 204, 2478, 2933 Kim, Y. K. 640, 1101 Kim, Y. S. 3571, 6428, 6683, 6685
Kim, Y. T. 2804, 7816
Kimati, H. 6339, 6682, 6921
Kimbrough, J. W. 3894
Kimchi, M. 5119
Kimigafukuro, T. 3288
Kimmerer, T. W. 2927
Kimmins, F. M. 6885
Kimmons, C. A. 874
Kimpinski, J. 1274
Kimura, M. 7233-7234, 8145
Kimura, N. 2822
Kimura, Y. 5366, 7173
Kinal, H. 5617
Kindl, H. 1457, 5100, 5812, 5816, 7851 6685 5816, 7851 King, A. C. 767 King, L. G. 3270 Kingham, G. 4042 Kinghorn, J. R. 5395 King'ori, P. N. 6551, 7678 Kingsland, G. C. 4046 King'ori, P. N. 6551, 7678
Kingsland, G. C. 4046
Kinoshita, S. 4098
Kinoshita, T. 7251
Kinsbursky, R. 174
Kinscherf, T. G. 183
Kintia, P. K. 4367
Király, Z. 5603, 7525
Kiran Singh 172
Kirby, G. C. 3948
Kirby, R. 5894
Kirchoff, J. 3249
Kirchoff, J. 3249
Kirchoff, J. 3249
Kirdoglo, E. K. 4832
Kiriyak, G. Ya. 2638, 6764
Kirk, M. 6825
Kirk, T. K. 2308
Kirk, W. W. 6485
Kirkouskī, K. K. 1015
Kirkpatrick, B. C. 1921
Kirkpatrick, T. L. 2589
Kirmani, M. A. S 4009
Kirpicheva, T. S. 5152
Kir'yan, I. G. 2728
Kiryan, I. G. 2728
Kiryash, V. A. 3025
Kiseleva, L. N. 2608, 3982
Kishan Singh 1132-1133, 4245 5034 Kishan Singh 1132-1133, 4345, 5034 Kishi, T. 4885, 4912 Kishor, A. 5642, 5823, 7856 Kishore, N. 44, 3738, 4671 Kishore Kumar 7724 Kishore Kumar 7/24
Kishun, R. 3024, 5821, 592
6899, 7419, 7833, 8027,
8158, 8195, 8250
Kistler, H. C. 1824, 3162,
3168, 6943
Kita, W. 7181 Kitagawa, T. 3412 Kitajima, E. W. 3925, 6118 Kitajima, E. W. 3925, 611 Kitamura, H. 3199 Kittilä, S. 6465 Kiu, W. L. 2293 Kiyanskii, V. V. 6243 Kiyosawa, S. 1932 Kjindal, K. 2796 Klaebe, A. 6704 Klassen, G. R. 184, 1196 Klecan, A. L. 1977 Klee, H. 385 Kleier, D. A. 1704 Klein, J. 2128 Klein, L. 3863 Klein, P. 1156 Klein, R. E. 1055, 3616 Klein, R. 1136 Klein, R. E. 1055, 3616 Klein, R. M. 563 Klein, T. A. 774, 4827, 6470 Klein, W. 8113 Klein, W. 8113 Kleinhanns, C. 971 Kleinhempel, H. 571, 661, 2541, 2764, 2925, 2971, 5502, 6167 Klement, Z. 2440, 6197 Klepper, E. L. 286 Klerk, C. A. de 927 Klesov, A. A. 7306 Klessig, D. F. 4639

Klich, M. A. 1220 Klimešová, M. 3884 Klingauf, F. 3088, 3958 Klingner, A. 6639 Klingner, A. E. 6640 Klinkert, F. 1045 Klishin, V. V. 5948 Kloft, W. J. 6161 Klokocar Smit, Z. 6133 Kloos, M. 2955, 3055-3056 Kłos, B. 6042 Klose, M. J. 5043 Klotz, G. 6403 Kluge, E. 2587, 3506, 4816, 5242, 5873 Kluge, S. 2855, 5041 Klumpp, A. 4399 Klumpp, G. 4399 Kluson, R. A. 3141 Klyuchnikov, A. A. 7150 Klyueva, T. A. 2728 Knaphus, G. 2106 Knapp, A. 524-526 Knapp, K. A. 5935 Knauf, W. 4662 Knauf, W. 4662 Knauft, D. A. 4557 Kloos, M. 2955, 3055-3056 Knauf-Beiter, G. 6347 Knauft, D. A. 4557 Knievel, D. P. 3368 Knipscheer, N. S. 6792 Knirel', Yu. A. 7020 Knoch, I. 7207 Knogge, W. 1326 Knoke, J. K. 1987, 5610 Knoppik, D. 2954, 5118 Knott, D. R. 749, 751, 1284, 1950, 2605 1950, 2605 Knott, E. A. 757, 5562 Knott, L. 5201 Knous, T. R. 1401 Knox, E. A. 1988 Knox-Davies, P. S. 1306 Knox-Davis, P. S. 309, 1307, 6611 Knudsen, G. R. 690, 5153 Knudsen, H. 2926 Knyazeva, V. P. 6719 Ko, N. J. 386, 388, 392, 3917 Ko, W. H. 1150, 1804, 2073, 3153, 3853, 4176, 7163 Ko, W. W. 829 Kobayashi, D. Y. 2372 Kobayashi, H. 199 Kobayashi, I. 199 Kobayashi, I. 191, 1473-1474, 4045, 6336, 7523 Kobayashi, K. 3593, 3792, 8178 Kobayashi, M. 2904, 5253 Kobayashi, T. 361, 1488, 2916-2922, 2943, 4478, 8038 8038 Kobiler, I. 4267-4268 Koblet, W. 1432 Kobylyanskii, V. D. 7546 Koch, B. 2947, 4394 Koch, C. 3611 Koch, E. 1650, 5993 Koch, G. 2586, 5544, 752 Koch, G. 2586, 5544, 7524 Koch, M. F. 2029 Koch, S. H. 3558, 6611 Koch, W. 4474 Kochanov, N. M. 7773 Kocharova, N. A. 3112, 7020 Kochs, H. J. 5508 Kochs, H. J. 5508
Kock, P. J. de 6693
Kocoń, J. 1564
Koczy, T. 5856
Kodama, F. 4822
Kodama, F. 4822
Kodama, M. 6030
Koebner, R. M. D. 766
Koehler, C. S. 5957, 6801
Koenig, R. 235, 712, 1002, 3553, 8121, 8124
Kofoet, A. 1632, 3036
Kogan, E. D. 426
Koganezawa, H. 2746, 4088, 4878, 5742
Kogel, G. 5555
Kogel, K. 5555
Kohguchi, T. 333
Köhl, J. 4585

Köhle, H. H. 6276 Könler, S. 4667 Köhler, S. 5934 Köhler, W. 2586, 7524 Köhler, W. 2586, 7524 Kohlmann, H. 6288 Kohmoto, K. 3374, 6030 Kohn, L. M. 1876, 5987, 6373, 7132 Kohsaka, M. 1819 Kohsiek, H. 7050 Koide, H. 8154 Koide, R. 1178 Koide, R. T. 7147 Koike, K. 4092 Koike, S. 5791 Koike, S. T. 1435, 4186, 6029 Koike, S. T. 1435, 4186, 6 Koinuma, K. 322 Koizumi, M. 1915 Koizumi, S. 4884 Kojima, M. 1969, 1985 Kojo, H. 1819 Kokate, S. B. 5629 Kokko, E. G. 1727, 5757 Kokko, M. J. 5731 Kokoa, P. 1376 Kokpol, U. 1725 Kokubu, Y. 4477 Kokurina, E. A. 1316 Kolattukudy, P. E. 2905 Kolb, F. L. 2634 Kölblin, R. 6341 Kollar, A. 4945 Kollar, A. 4945 Köller, W. 3127, 3794, 4952, 6625 Kollmann, A. 574 Kolmer, J. A. 3255, 3259-3261, 5561 Kol'nobritskii, N. I. 4805, 5537 5537 Kolobaev, V. A. 2860 Kolp, B. J. 4777 Kölsch, E. 6319 Kolte, S. J. 4563, 5999, 6889 Koma, Y. 7042 Komada, H. 1035, 8153 Komagata, K. 1685 Komendant, K. E. 1890 Komendant, K. E. 1890 Komorowska-Jedrys, J. 5856 Komoto, Y. 2904 Komura, T. 4045 Komyoji, T. 1723 Kon, Y. 2326 Konareva, T. N. 4317, 5460 Kondakova, O. A. 5916, 7326 Kondakova, V. 7813 Kondaninski, T. 4859 Konde, B. K. 141, 146, 4605 Kondo, K. 4099 Kondrat'eva, A. A. 7773 Kondo, K. 4099 Kondrat'eva, A. A. 7773 Kong, D. 1583 Kong, J. 7782 Kong, L. J. 5486 Kong, P. 337 König, C. 4393 Konishi, H. 8306 Konishi, H. 8306
Konishi, K. 4092
Könning, H. 4790
Kono, Y. 3199
Kononenko, A. N. 4756
Kononenko, G. P. 5362, 5585
Konovalov, V. T. 7773
Konovalova, G. S. 2631
Kontzog, H. G. 2925
Konyaeva, N. M. 7222
Koo, B. S. 204, 2478
Koomen, I. 133, 175
Koon, T. T. 6194
Koonin, E. V. 3945, 5462, 5475, 7331
Kooper, N. 5921
Kooyman, P. 1465
Kopahnke, D. 4038 Kopahnke, D. 4038 Kope, H. H. 119 Kope, H. H. 119 Kopeliovitch, E. 6774 Kopetz, A. 4744 Koponen, H. 2980 Koppers, A. 2961 Korayem, A. M. 6322 Korban, S. S. 7769-7770 Korczyk, A. F. 1491 Korf, R. P. 4749

Korhonen, K. 3573 Korhonen, K. 3573 Korikanthimath, V. S. 124 Korjagin, V. A. 6633 Kormanik, P. P. 1748 Kormelink, R. 7369 Kornarou, E. 3952 Korneev, R. V. 7773 Korneev, V. A. 4780 Korneeva, L. I. 4780 Kornilova, E. N. 3994 Korsakov, N. I. 6874 Korsakov, N. I. 68/4 Korus, R. A. 7105 Kosako, Y. 1685 Kosenkov, I. I. 7732 Koske, R. E. 1738, 3145, 7133 Koster, A. T. J. 2694, 6566-6567 2811, 6536 Koul, A. K. 481, 953, 989 Koul, R. N. 896, 989 Kounovski, Z. 3202 Kouyea, I. 3952 Kouyea, I. 3952 Kovacheva, E. 6221 Kováčiková, E. 5510 Kovács, G. 2640 Kovacs, I. 1990 Koval', L. A. 5152 Koval'chuk, G. N. 4780 Kovalenko, A. E. 6985 Kovalev, V. B. 4165 Kovaleva, A. A. 7609 Kovbasa, N. P. 1559 Kovbasyuk, E. V. 5974 Kovalkowski, A. 1564 Kowalkowski, A. 1564 Kowalski, S. 1160 Kowalski, T. 1534 Kowor, A. 7933 Koya, K. M. A. 2178 Kozak, M. 6835 Kozak, M. 6835 Kozhevin, P. A. 7150 Kozik, E. 4512, 6772 Kozlov, Yu. V. 1906 Kozlovskaya, V. F. 2599, 4800 Kozlovskaya, Z. N. 3914, 5459 Kozlovskii, B. E. 5869 Kozlovsky, A. 6917 Kozlovsky, A. G. 1636 Kozlovsky, B. E. 7927 Kozłowska, M. 4971 Kozub, G. C. 458, 772, 3522 Kraatz, M. 3506 Krahn, K. J. 6607 Krann, K. J. 5607 Kramadibrata, K. 3824 Kramer, C. L. 756, 5550 Kramer, H. 5068 Krämer, R. 3281 Kranz, J. 782, 4001, 5248, 5433, 5435, 5451, 5613, 6448 6448 Krasowska, A. 4512 Krasteva, L. 3051 Krause, B. 5856 Krause, C. R. 983, 7294 Krause, M. 5127 Kravkina, I. M. 2271 Krczal, G. 3391 Krczal, H. 3391 Krebs, B. 3327, 5310 Kremer, R. J. 5738 Kreng, R. E. 2271 Kretova, A. F. 7393 Kretschmer, A. E., Jr. 4203 Kreutz-Jeanmaire, C. 1783 Kreyenbroek, M. N. 1205 Krikorian, A. D. 3469 Krasowska, A. 4512

Krikun, J. 174, 5505 Krishan Kjindal 2796 Krishna, A. 4529, 6031, 6038-6039, 8180 Krishna, K. R. 3140 Krishna, S. V. 6257 Krishnamohan, G. 348, 351, 6557, 7687 Krishnamurthy, R. 7650 Krishnan, H. B. 1957 Krishnan, M. 3083 Krishnan, P. 6524 Krishnappa, M. 7875 Krishnappa, M. 7875 Krishnendu Datta 1217 Kristensen, K. 731-732 Kristiansen, B. 7108 Kritzman, G. 2518, 2913, 4589, 6782 Krivchenko, V. I. 2597, 2603, Krivchenko, V. I. 2597, 2603, 4965, 7445
Kroggel, M. A. 8061
Kroner, P. 7340
Kroner, P. A. 5476
Kronstad, J. W. 1995
Kroon, B. A. M. 8012
Kropáček, K. 1750
Kropff, M. J. 4545
Kropp, B. R. 1755, 1759, 3136
Krotova, L. A. 7511
Kroyakova, E. A. 5372, 7430
Kr"steva, D. 5047, 7981
Kr"steva, D. K. 5049
Krug, E. 1019
Krüger, J. 5747
Krüger, W. 4064, 4495, 5612
Krügner, T. L. 3798 Krüger, W. 4064, 4495, 5612 Krügner, T. L. 3798 Kruppa, P. C. 6731 Krusberg, L. R. 872 Krusteva, D. K. 5049 Krylov, A. V. 380, 7343, 7429 K"rzhin, Kh. 2577, 2598 Krzywański, Z. 4971 Kubica, Breier, L. S. 401 Kubica-Breier, J. S. 401 Kubiś, J. 4971 Kubo, S. 7313-7314 Kubo, Y. 1199, 5087 Kubota, H. 2197, 5403 Kubota, K. 578 Kubota, M. 6108 Kuć, J. 3530, 6754, 6838, 6969 Kudagamage, C. 2313 Kůdela, V. 3446-3447, 5510 Kudo, N. 1985 Kudo, W. 4423 Kudo, W. 4423 Kudritskaya, L. G. 2973 Kudritskii, V. A. 2973 Kudryavtseva, L. P. 355 Kuehnle, A. R. 2080 Kuehnle, A. R. 2081 Kuhayda, P. S. 3891 Kuhfuss, K. H. 4994 Kuhlman, E. G. 1548, 3577-3578 33/8 Kühn, F. 1331 Kuhn, P. J. 1734, 2471, 6832 Kühne, T. 2545, 5128 Kuiack, C. 1890 Kuik, A. J. van 850 Kuipers, J. 6271 Kukina, E. V. 3740 Kukk, V. V. 4848 Kulaeva, O. I. 1906 Kurk, v. v. v. 9040 Kulasekaran, M. 7826 Kulayev, I. S. 7138 Kulichová, R. 771 Kulik, M. M. 5173, 6062 Kulikova, G. N. 5556 Kulkarni, B. G. P. 4342, 7411 Kulkarni, G. M. 7400 Kulkarni, G. N. 2378 Kulkarni, M. S. 325 Kulkarni, S. 307, 310, 1953, 1963, 2150, 3485, 4424, 5579, 7475 Kulshrestha, B. M. 4306 Kulshrestha, D. D. 4057 Kulvinder Singh 4624 Kumar, A. 408, 1512, 4078, 4181, 5139, 5635, 7902

Author Index Kumar, A. K. 1149 Kumar, D. 6992 Kumar, H. 7887 Kumar, H. D. 3080 Kumar, I. K. 3644 Kumar, J. K. 3644 Kumar, J. 6783, 7476, 7775 Kumar, K. 7724 Kumar, N. N. U. 2145, 2276, 4264, 4431, 7836, 7868 Kumar, P. R. 136, 6743 Kumar, R. 2158, 3754, 7972, 8155 Kumar, S. 2020, 8149 Kumar, U. 2014 Kumar, V. 4858 Kumar Rao, J. V. D. 8251 Kumari, N. 4300 Kumari, P. 7556 Kumari, S. 3226, 7242, 7248 Kumari, S. G. 3630 Kumhar, G. R. 4077, 7581 Kumner, J. 4521 Kunc, F. 1658 Kunene, S. 3296 Kunert, R. 3281 Kunichenko, N. A. 6004 8155 Kunichenko, N. A. 6004 Kunimoto, R. A. 0004
Kuninaga, S. 3165, 8011
Kunisaki, J. 2080
Kuniyasu, K. 2904
Kuniyasu, K. 2904
Kuniyuki, A. H. 434
Kunkel, T. E. 1024
Kunoh, H. 191, 1473-1474, 4045, 6336, 7523
Kunwar, I. K. 8269-8270
Kunze, L. 3391
Kuo, K. C. 4294
Kuo, M. H. 7700
Kuo, T. T. 1904
Küppers, K. 4399, 4470
Kuraishi, H. 5427
Kurath, G. 3211
Kurdyla, T. 5073
Kuriyal, S. K. 1875
Kuriyan, J. 8314
Kuroda, K. 4477, 7523 Kunimoto, R. 4176 Kuroda, K. 4477, 7523 Kuroda, T. 2197 Kuroli, G. 4316 Kurono, H. 6279 Kuroli, G. 4316
Kurono, H. 6279
Kurowski, C. J. 3521, 5890
Kurppa, A. 729, 941, 943
Kurppa, S. 729
Kurttio, P. 3122
Kurtz, S. L. 4976
Kurtzman, C. P. 2565
Kurundkar, B. P. 3012, 6877
Kurz, W. G. W. 1269
Kurzawa, J. 3764
Kurzawa, J. 3764
Kurzawa, Z. 3764
Kurzinger, B. 5012
Kusakari, S. 2422
Kusano, T. 7371
Kush, J. S. 1555
Kushad, M. M. 1413, 6635
Kushalappa, A. C. 702, 1377, 1584, 2043-2045, 3601
Kushnirenko, I. Yu. 5595
Kuse, C. R. 1921
Kusum Badyal 7709
Kusume, T. 5971
Kuthubutheen, A. J. 423, 1882 Kuthubutheen, A. J. 423, 1882 Kuti, J. 583 Kuti, J. O. 8174 Kutuzova, S. N. 354 Kuvaeva, I. B. 5372, 7430 Kuvaeva, I. B. 5372, 7430 Kuwahara, S. 4084 Kuwata, H. 5143 Kuwata, S. 7314 Kuwatsuka, S. 7233, 8145 Kuzuma, S. 7616 Kuzyk, A. D. 772, 1302 Kvasniuk, N. Ya. 3509 Kvasnyuk, T. F. 7172 Kwiatkowski, A. 2611 Kwon, S. H. 1061, 1083 Kwon, Y. 3159 Kwon, Y. H. 6862 Kwun, K. C. 4999 Kyburz, S. 8047 Kypriakopoulou, P. 3952 Kypriakopoulou, P. 3952

Kyriakopoulou, P. E. 2443 Kyriakou, A. 1373 Kyznetsova, I. F. 3509 Laaser, G. 5420-5421 Labanowska, B. H. 437 Labarère, J. 1920, 5323 Labit, B. 6437 Labit, B. 6437 Laborda, F. 5380 Labrada, A. 1532 Labrouhe, D. T. de 5001 Labun, T. J. 5582 Laby, R. J. 3091 Lacefield, G. D. 2112 Lacey, J. 7434 Lachance, M. A. 2095 Lachaud, G. 3377, 3426, 4242, 4246 4246 4240 Lacicowa, B. 4002 Lacoste, L. 4021 Lacy, G. H. 1681, 3087, 5229 Lacy, M. L. 1585, 3673, 4590 Ladeishchikova, E. I. 2941 Ladeishchikova, E. I. 2 Ladhar, S. S. 6247 Ladnykh, L. F. 2941 LaDon Day, J. 6495 Ladygina, M. E. 6875 Laere, O. van 3102 Laessøe, T. 7269 Laferrière, J. E. 3878 Lafitte, C. 4540 Laflampe, G. 1560 Lafitte, C. 4540
Laflamme, G. 1560
Lafond, G. P. 278
Laha, S. K. 1924
Lahdenpera, M. L. 7081
Laheurte, F. 4685, 5313
Lahlou, H. 8024
Lai, W. J. 4896
Lai, X. H. 334, 6371
Lai, Y. 1767
Lai, Y. C. 4061
Laidler, S. T. 6463
Laimer, M. 3204-3205
Laimer da Câmara Machado, M. 7348 Laimer da Câmara Machado, M. 7348
Laín, S. 1252, 3922, 5479
Laine, L. 1527
Laing, S. A. K. 3901
Laker, H. A. 726, 3973, 7422
Lakhan, R. 5296
Lakhanpal, T. N. 67, 7115
Lakhmatova, I. T. 2789
Łakowska-Ryk, E. 4512
Lakra, B. S. 5850, 5989-5990, 7855, 8147, 8184
Lakshman, M. 327, 1354
Lakshmanan, M. 7692
Lakshmanan, P. 803, 839, 2154, 3318, 4580, 5628, 5693, 5793, 6143, 7823, 7938 7938 7938
Lal, B. 4715, 6681
Lal, B. B. 6213
Lal, K. 6213
Lal, K. 6213
Lal, R. 633, 5034, 7961
Lal, S. 4345
Lal, S. P. 1859, 5454
Lalande, J. C. 3426
Laliberté, J. F. 1912
Lalithakumari, D. 5363 Lalithakumari, D. 5363, 7032, 7227 Lalov, L. 4859 Lam, P. F. 5799 LaMadeleine, L. 525-526 Lamari, L. 3269 Lamb, C. J. 604, 4538, 4641, 5051, 5178, 6517, 7756, 8190 Lamb, R. C. 2768 Lambais, M. R. 6327 Lambein, F. 8186 Lambert, D. H. 5514, 6733 Lamperl, M. 2357 Lampert, E. P. 492, 1453 Lamprecht, S. C. 309, 1306-1307 Lamseejan, S. 1063 Lan, T. 6534 Lan, X. Y. 4132 Lan, Y. L. 551 Lanata, F. 5411 Lander, E. S. 2392

Landis, T. D. 4432 Landolt, W. 6806, 6813 Landsberg, J. 8045 Landschoot, P. J. 3355, 3357 Landsmann, J. 8121 Lane, L. C. 3242 Lane, R. P. 5820 Lane, S. D. 2365 Lang, T. 7033 Langdon, P. W. 2149 Lange, C. 7062 Lang, O. L. 2954, 5960, 6810 Lange, O. L. 2954, 5960, 6810 Landis, T. D. 4432 Langebartels, C. 2961 Langenberg, W. G. 3978 Langenheim, J. H. 3566 Langenheim, J. H. 3566 Langerfeld, E. 949, 956, 2874 Langeveld, S. 2693 Langeveld, S. A. 5463 Langford, G. I. 6654 Langham, M. A. C. 3212, 3678 Langham, M. R. 28 Langsdorf, G. 2510, 8025 Lanham, P. G. 4651 Lanin, S. N. 4756 Lanin, S. N. 4756 Lanka, E. 5256 Lansac, M. 3445 Lantz, C. W. 8094 Lapeyrie, F. 1163, 5321, 6315 Lapiński, M. 7544 Lapis, D. B. 311 Lapointe, S. L. 1142 Lapotyshkina, L. I. 4929 Lapous, D. 7984 Lapotysnkina, L. I. 4929 Lapous, D. 7984 Lara, S. P. 1422, 4275 Laracy, E. P. 2110, 2840 Larionova, L. I. 2737 Larkins, P. J. 5590 Larkins, B. A. 3213, 3924 Larsen, J. B. 3574 Larsen, R. C. 3683 Larsen, R. D. 7183 Larsen, R. D. 7183 Larshmanan, P. 2429 Larsson, M. 3223 LaRue, P. 3377, 3383 Lasker, H. K. 2215 Laskowski, D. A. 3778 Lassoie, J. P. 5117 Last, F. T. 6301, 7104 Lastra R. 5018 Lastra, R. 5918 Latch, G. C. M. 5720, 7739, 7741-7742 Lateur, M. 4205 Latgé, J. P. 6384 Latorre, B. 8028 Latunde-Dada, A. O. 4566-4567 Lau, D. 4842 Laufs, J. 1936 Lauquin, G. J. M. 5920 Laurent, J. 2458, 3092 Lautenschlager, K. 4474 Lauterbach, R. 2959 Lauwereys, M. 1203 Lauwers, M. 4594 Laux, W. 1123-1124, 6950 Lavaud, C. 3753 Law, T. F. 4974 Lawson, E. C. 1247, 6716 Lawson, R. H. 234, 371, 389, 852, 4183, 6565 Lawton, M. A. 8190 Lawton, M. B. 773 Laxinayana, P. 6676 Laxmon Oraon 6852 Lay, T. E. 5917 Lay-Yee, M. 2794 Laycock, M. V. 6008 Layton, P. A. 5962 Lazur, M. N. 6494 Lazure, C. 1912 Le Delliou, B. 5156 Le Gall, O. 257-258, 3197 Le Henaff, M. 1922 Le Lezec, M. 4232 Le Ret, M. 5155, 5487 Le Roux, A. 835 Le Roux, J. 1289 Laxmon Oraon 6852

Le Tacon, F. 79-80, 3795, 5338 Lea, P. J. 1329, 4049 Leach, J. E. 1359, 6530 Leadbeater, A. J. 48, 6267, 6274 Leake, J. R. 59, 1194, 1798-1799 Leah, R. 5592 Leath, K. T. 414, 879, 3365, 3368, 6187 Leath, S. 304, 4069, 5541, 7541 7541 Leather, S. R. 660 Leathers, T. D. 532 Lebeda, A. 1095, 1627, 3028, 4517, 6102, 8291 Lebedeva, T. V. 7432 Lebold, S. A. 5289 Lebrun, M. H. 4093 Lecomte, P. 2779, 3377, 3423, 3425, 4232, 4248 Lecoq, H. 2966, 2989 Lecoq, H. L. 2988 Ledesma Medrano, J. 5618 Ledesma Medrano, J. 5618 Ledosma Medrano, J. 5618 Ledó, H. D. 3048 Lee, C. H. 4999, 7021, 7896 Lee, C. R. 1904 Lee, C. S. 3525 Lee, C. U. 4733 Lee, C. Y. 337, 3801 Lee, D. K. 470 Lee, E. L 4882 Lee, E. J. 4882 Lee, H. A. 3897 Lee, H. B. 2087 Lee, H. B. 2087 Lee, I. K. 6122 Lee, I. M. 717, 858, 1919, 2556, 3536, 5500, 6493 Lee, J. B. 204 Lee, J. K. 3571 Lee, J. K. 3571 Lee, J. L. 337 Lee, J. S. 1096, 4546 Lee, J. T. 439, 3045 Lee, J. W. 4197, 6609 Lee, J. Y. 4747, 6366 Lee, K. H. 640, 824, 1101 Lee, K. J. 4687 Lee, M. T. 2576 Lee, M. W. 1096, 7220 Lee, R. F. 716, 831, 4900, 5667 Lee, S. A. 2471, 5304 Lee, S. A. 2471, 5304 Lee, S. H. 1096 Lee, S. J. 3875 Lee, S. O. 2410 Lee, S. S. 1500, 1765, 3143, 7120 Lee, S. Y. 1896, 5096 Lee, T. S. 5852 Lee, W. K. 3801 Lee, W. S. 2301, 6120 Lee, Y. H. 6665 Lee, Y. M. 2576 Lee, Y. S. 454, 4101 Lee, Y. W. 4857 Lee, Y. Y. 856 Lee-Stadelmann, O. Y. 6479 Lee, Y. Y. 836 Lee-Stadelmann, O. Y. 6479 Leenheers, L. H. 3328 Legard, D. E. 3627 Legg, E. J. 2392, 3661 Leggett, M. E. 4820 Legin, R. 4284 Legrand, G. 2845 Legrand, M. 6744 Leh, H. O. 3554, 5065 Lehle, L. 5420 Lehman, P. S. 6573 Lehmann, C. O. 4038, 5601 Lehnackers, H. 1326 Lehoczky, J. 7852 Lehto, K. M. 7312 Lei, J. 1168, 2495 Lei, J. D. 2924 Leiner, R. H. 665, 950, 2204, 3511 Leinhos, G. M. E. 3159 Leinhos, G. M. E. 3159 Leiser, R. M. 3906 Leite, R. P., Jr. 7671 Leiteritz, R. 3115 Leith, I. D. 4475 Lejeune, P. 7028

Lelley, J. 1171 Lemaire, F. 2717, 3346 Lemaire, J. M. 2966, 2989 Lemaire, O. 5969 Lemanceau, P. 6431 Lemeshev, N. 4905 Lemmers, M. E. C. 845, 864, Lemmers-Balkenende, M. 2694 Lemmetty, A. 2755 Lemoine, J. 2129 Leng, G. W. 1896 Lennard, J. H. 6480, 7408 Lenné, J. M. 889, 891, 1390-1391, 2124, 7761 Lenssen, A. W. 5724 Lent, J. W. M. van 6897 Lento, G. 6922 Lentza-Rizos C. 3125 Lento, G. 6922 Lentza-Rizos, C. 3125 León, O. 6508, 6737, 7959 Leonardi, K. J. 1286, 4069 Leonardi, O. 6822 Leonardi, S. 4410 Leone, G. 1205-1206, 1599 Leong, J. 5025 Leong, S. 183, 2237 Leong, S. A. 1995, 3845 Leong, S. A. 1995, 3845, 4719, 5158 Leoni, V. 5272 Leonov, A. N. 4756, 5362, Leont'eva, S. I. 8087 Leopold, D. J. 1502-1503 Lepoivre, P. 3590, 4521, 4528 Lepschy-von Gleissenthal, J. 2583 Leroux, J. P. 3969 Leroux, P. 7062 Lescot, T. 6672 Lesemann, D. E. 232, 1002, 3553, 5470, 6195, 6402 Leslie, J. F. 185, 1929, 3161, 6375 Lesney, M. S. 2289-2290 Lesovoi, M. P. 2560, 4796, 4805, 5537 Lespinasse, Y. 2767, 3402, 3404, 5748 Lester, D. G. 3283 Lester, G. E. 2996 Lester, H. H. 3148 Letham, D. S. 8251 Leu, L. S. 4294, 6665 Leuchtmann, A. 3356, 3488 Leunda, P. 3747 Levay, K. E. 3944 Levdanskaya, V. V. 5557 Lever, B. G. 1702 Lever, B. G. 1702 Levesque, H. 1466 Levic, J. 2648 Lević, J. T. 5622 Levine, R. G. 6187 Levings, C. S., III 1341, 7552 Levkina, L. M. 7188 Levy, D. 2189 Levy, F. A. 4150 Levy, M. 3302 Levy, N. 381 Levy, Y. 2645, 5020 Lewellen, R. T. 4488 Lewis, B. G. 4503, 8181, 8187 Lewis, B. G. 4303, 8161, Lewis, D. H. 3760 Lewis, D. J. 4408 Lewis, G. B. 5306 Lewis, G. C. 1392, 4927 Lewis, J. 1178 Lewis, J. 1178 Lewis, J. A. 3179, 5237, 6981, 6986, 7304 Lewis, K. 7409 Lewis, R., Jr. 5073 Leyva Mir, G. 5546 Leyval, C. 4685, 5313 Lezec, M. le 4232 Lezzhova, T. V. 7501 Lherminier, J. 6419 Li, A. 1597, 2363 Li, A. Z. 4085 Li, A. Z. 4085 Li, B. 7258 Li, B. L. 5947 Li, C. B. 350

Li, C. D. 1007 Li, C. Y. 8108 Li, D. X. 8193 Li, G. W. 2945 Li, H. 2660 Li, H. F. 3531 Li, H. L. 3069 Li, J. 4970 Li, J. B. 2279 Li, J. X. 2291 Li, J. Y. 1589 Li, K. G. 7004 Li, L. T. 7264 Li, L. Y. 2610 Li, L. Z. 3575, 5078 Li, M. 820, 1178 Li, M. F. 4095 Li, M. F. 4095 Li, M. N. 4227 Li, P. 1097 Li, Q. 2253 Li, Q. Y. 7347 Li, R. H. 3655 Li, R. X. 2523 Li, S. K. 2278, 2936 Li, T. S. C. 22/8, 29 Li, T. S. C. 6638 Li, X. C. 2280 Li, X. F. 2223 Li, X. K. 4085 Li, X. Q. 2592 Li, X. S. 2279 Li, Y. 4970, 8124 Li, Y. J. 2267, 4970 Li, Y. L. 448, 5947 Li, Y. L. 448, 5947 Li, Y. X. 2304 Li, Y. Y. 8243 Li, Y. Z. 2162 Li, Z. 820 Li, Z. Q. 1815, 7633 Liang, P. Y. 982 Liang, T. 7047 Liang, X. S. 1896 Liang, X. Y. 4543 Liang, Y. G. 3917 Liang, Z. C. 1538, 4456 Liao, B. S. 8233-8234 Liao, L. 6057 Liao, B. S. 8233-8234
Liao, L. 6057
Liao, L. W. 6607
Liao, P. A. 4031
Liao, Z. Q. 4428
Liao, Z. W. 6533
Liardon, R. 4144
Liaw, C. F. 6534
Lich, N. P. 7039
Lichkov, A. 5010, 6717
Liddington, R. C. 1258
Lidert, Z. 3749, 6261
Liebermann, B. 7180
Liebman, J. A. 2908
Liedeker, H. 563
Liefland, M. 1332
Liese, W. 3698, 4436, 4470
Lieutier, F. 4453
Ligat, J. S. 6855
Lightfield, A. R. 1113
Lighthart, B. 1694
Lightner, G. 3407
Lightner, G. W. 3411
Liljas, L. 4767
Lill, D. van 1288
Lillehoj, E. B. 4067
Lilloquia, R. 275, 464
Lim, C. K. 510
Lim, H. S. 6428
Lim, L. G. 6149
Lim, M. T. 1500 Liao, L. 6057 Lim, H. S. 6428 Lim, L. G. 6149 Lim, M. T. 1500 Lim, P. O. 3949 Lim, T. 4383 Lim, T. M. 4252 Lim, W. H. 829 Lim, W. H. 829 Limburg, H. 4789 Lin, B. K. 4736 Lin, C. P. 4210, 4347-4348, 4941, 7395 Lin, G. 3572 Lin, J. T. H. 7395 Lin, K. H. 620, 4496, 8281 Lin, M. C. 1904 Lin, N. S. 705 Lin P. L. 4970 Lin, P. L. 4970 Lin, Q. Y. 7955 Lin, R. F. 329

Lin, S. C. 2024, 2304 Lin, S. M. 1904 Lin, S. S. 826 Lin, T. S. 2451, 5255 Lin, W. C. 4278 Lin, Y. R. 998, 1013, 1551 Lin, Y. R. 998, 1013, 1551 Lin, Y. R. 998, 1013, Lin, Y. S. 6848, 6859 Lin, Z. J. 3750 Lin, Z. S. 1538 Linardelli, C. 6639 Linardelli, C. E. 6640 Lincoln, S. E. 2392 Lincoln, S. P. 3666, 6915 Lind, V. 3238, 5543 Lindbo, J. A. 7339 Lindo, J. A. 7339 Linde, A. R. 1628 Linde, D. C. 605 Linde, P. C. G. van der 2693, 6570 Lindeberg, M. 7008 Linden, C. V. 8249 Linderman, R. G. 4691, 4705 Lindner, B. 2629 Lindner, K. 7456 Lindow, S. E. 1128, 6209 Lindsay, D. 3312 Line, R. F. 300 Lineberger, R. D. 537, 983, 8061 Linfield, C. A. 6589, 7081, Ling, D. H. 2026, 5655 Ling, Z. Z. 4095 Lingam, S. S. 6500 Lingk, W. 2477 Linke, B. 7036 Linkhorst, H. J. M. 2229, 6570, 7975 Lio, G. M. di S. 343 Lipp, R. 2071 Lippert, M. 6810 Lippert, M. 6810 Lippmann, G. 1761 Lipps, P. E. 7553 Lisa, V. 849, 3234, 3623 Lisansky, S. G. 7034 Lisitsin, V. N. 6014 Lisker, N. 3251 Lister, R. M. 1279, 3213, 3924, 4051, 7538 Liswidowati 5816 Liswidowati 3816 Lithourgidis, A. S. 1059 Litkei, J. 6990 Litsinger, J. A. 6514 Litten, W. 1797 Litterick, A. M. 6578 Little, G. 5888 Little, G. 3888 Littlefield, L. J. 1808 Litun, B. P. 467 Liu, D. H. 7353 Liu, F. C. 4944 Liu, F. L. 448 Liu, F. Q. 2342 Liu, H. D. 7768 Liu, H. X. 4112 Liu, H. Y. 715 Liu, H. Z. 1412 Liu, J. F. 1814 Liu, J. F. 1814 Liu, J. H. 2279 Liu, J. S. 2270 Liu, J. W. 604 Liu, L. 1229 Liu, L. J. 1412 Liu, M. H. 1854 Liu, M. L. 6317 Liu, O. 5083 Liu, Q. 5983 Liu, R. J. 7117 Liu, S. D. 7700 Liu, S. L. 4970 Liu, S. W. 2257 Liu, S. Y. 7680 Liu, W. 4877, 6512 Liu, X. D. 990 Liu, X. F. 446 Liu, X. J. 2223, 7261 Liu, X. K. 5569 Liu, X. Y. 4015 Liu, Y. N. 6212 Liu, Y. P. 4970 Liu, Y. Q. 4823 Liu, Y. Z. 6057

Liu, Z. 5374 Liu, Z. L. 6070 Liu, Z. Z. 4828 Liverani, C. 4661 Livescu, L. 2208, 6712 Livinder Kaur 8267 Livingston, R. L. 5935 Livingston, W. H. 7103 Liyanage, A. de S. 4339, 7944, 7952 Liyanage, N. I. S. 4339 Llácer, G. 3437-3438 Llama, M. J. 1823 Llama, M. J. 1823 Llistó, A. M. S. M. 6544 Lo, C. T. 4177, 6848, 6859 Lo, D. S. F. 2576 Lo Cicero, A. M. 6634 Loake, G. J. 12, 7005 Loban', V. L. 7451 Lobo, A. M. 8020 Locci, R. 3157, 5938 Loch, J. P. G. 3763 Löchel, A. 6724 Löcher, F. 451, 6275 Lockhart, B. 3050 Lockhart, B. 3050 Lockhart, B. E. L. 376, 383, 5484 Lockley, K. D. 6445 Lockwood, J. L. 609, 7219 Lodge, D. J. 7269 Lodge, J. K. 5908 Lodha, B. C. 461 Lodha, S. 203, 1831, 7211, 8286 8286 Loebenstein, G. 381, 4611 Loecher, F. 6268 Loeffler, B. 1807 Loeffler, R. S. T. 6337 Loesch-Fries, L. S. 6414, 6607 Löffler, H. J. M. 1478, 7716 Logan, C. 5888 Logrieco, A. 2584-2585, 3980, 3985, 6372, 6775 Logrono, M. L. 6490 Lohsomboon, P. 205, 219, 1877, 4753 1877, 4753 Lohuis, H. 1905 Lohwasser, K. 3056 Loi, N. 3436, 7444 Lokendra Singh 1933 Lokendra Singh 1933 Lokesha, S. 2012, 4858, 6119 Lokhmatov, N. A. 986 Løkke, H. 1018 Lolas, M. 8028 Lommel, S. A. 3936 Lomonossoff, G. P. 253, 4768, 5402, 5406 5492, 5496 Lomovskot, S. M. 3994 Long, P. G. 207, 5722, 7749 Loomis, R. C. 1485 Loon, J. J. A. van 4541 Loon, J. J. A. van 4541 Loon, L. C. van 4350-4351 Loper, J. E. 6185 Lopes, C. A. 1102 Lopez, C. 3381 Lopez, L. J. 962 López, P. V. 1090 López-Franco, R. M. 1867 López Garay, C. 6542 López León, M. 488 Lorbeer, J. W. 3602, 5195, 6109 6109 Lorenz, D. 929 Lorenz, D. H. 2454 Lorenz, G. 451, 5300, 6268 Lorenz, G. 451, 5300, 6268 Lorenzini, G. 3011, 3629 Lorenzoni, C. 1267 Lori, G. A. 3636 Loria, R. 2214 Lorilla, E. B. 4707 Lösel, D. M. 3612 Loseva, Z. I. 5560 Loss, P. 5455 Lot, H. 2966, 5494, 5969 Lotan, T. 2227 Loublier, Y. 7873 Loudes, A. M. 5487 Louie, R. 1987, 5610, 7550 Louis, I. 7144 Louis, J. 1732

Louis, J. 1732

Loulakis, M. D. 4514 Louter, J. H. 5923 Lovisolo, O. 236 Lowe, J. C. 4 Lowen, R. 2181 Lowery, D. T. 6829 Loyer, J. Y. 7649 Lozano, J. C. 8319 Lozano, R. 1090 Lu, B. Y. 3750 Lu, D. J. 1844 Lu, H. S. M. 1979 Lu, H. S. M. 1979 Lu, J. A. 4089 Lu, J. Y. 1843, 3230, 6342, 8198 Lu, M. 7185 Lu, M. X. 3505 Lu, S. F. 6208 Lu, S. H. 2528 Lu, S. H. 2528 Lu, S. Z. 5148 Lu, W. R. 6531 Lu, Y. G. 7633 Lu, Y. H. 3608 Lu, Y. T. 4319 Lübben, A. 4731 Luca, C. de 1800 Luca, V. de 1269 Lucas, E. 3984 Lucas, G. B. 5904 Lucas, J. A. 4027-Lucas, G. B. 5904 Lucas, J. A. 4027-4028, 6469 Lucas, L. T. 7734 Lucas, P. 5580, 6467 Lucas, P. W. 1329 Lucas, W. J. 3533 Luciano, C. S. 3946 Luck, B. T. 700 Lucy, A. 7365 Lucy, A. 7365 Lüddecke, P. 8124 Luder, A. 6468 Ludwig, A. 2626 Luethy-Krause, B. 6813 Luffman, M. 6659 Luis Arteaga, M. 2339 Luisetti, J. 2821 Luisi, N. 1514-1515, 1568, 6803 Luisoni, E. 367, 3234 Lukacs, N. 6403 Lukasheva, L. I. 5488, 7356 Lukashevich, M. I. 421 Lukezic, F. L. 3364, 6187, 6606 Lukina, L. A. 4851 Lukjanjuk, S. 882 Luk'yanets, V. A. 986 Luk'yanova, M. V. 315, 4836 Luk'yanyuk, S. 882 Lulkin, E. J. 5521 Lum, K. Y. 8231 Lumsden, R. D. 3179, 6964, 6981, 7216, 7304 Luna R., I. 6674 Lund, R. E. 788 Lundehn, J. R. 5310 Lund, R. E. 788
Lundehn, J. R. 5310
Lunderstädt, J 981
Lundquist, J. E. 1010
Lungu, M. 5239
Lunin, N. K. 5974
Lunina, N. A. 3945
Luo, H. Y. 4601
Luo, J. T. 7063
Luo, L. 216
Luo, R. T. 5650
Luo, R. X. 4896
Luo, X. S. 7117
Luo, X. Y. 2223
Luo, Y. 297
Lupi, A. 3339
Lurie, S. 2128
Luszcz, L. A. 5771
Lüth, P. 4931
Luthra, Y. P. 4200
Lüty-Krause, B. 6806
Lutz, A. L. 2674
Lütz, C. 2950, 2955-2957
Lutz, H. J. 2302
Lutze, G. 5242
Luz, J. M. 1817
Lydon, J. 7068
Lynch, D. R. 5881

Lynch, J. M. 2393, 3667, 4592, 5386, 6179, 6352, 6915, 7194
Lynch, K. 1477, 5730
Lynch, R. E. 1069
Lyon, G. D. 1447, 5881
Lyons, N. F. 1126
Lyons, P. C. 319, 400, 1357
Lyzlov, E. V. 2636
Ma, F. G. 7512
Ma, G. J. 1012, 4463
Ma, G. Z. 7241, 7256
Ma, H. B. 6512
Ma, J. 7218, 8165
Ma, J. B. 7565 Ma, J. B. 7565 Ma, K. C. 4663 Ma, P. Y. 448 Ma, Q. S. 7016 Ma, R. W. 2270 Ma, S. W. 7019 Ma, S. W. 7019
Ma, X. F. 3505
Ma, Y. H. 2366
Ma, Z. T. 4509
Maas, J. L. 6668
Maayouf, M. 955
McAinsh, M. R. 1974, 1978
McBlain, B. A. 8208
McCain, A. H. 25, 871, 873, 5957 McCall, D. 6025 McCammon, S. 6893 McCann, M. 4334 McCarter, S. M. 4911, 5933 McCarty, L. B. 7734 McCluskey, K. 1887, 4720, 4837 McCombs, C. 1069 McCool, P. 7093 McCool, P. M. 2783 McCracken, F. I. 985 McCreight, J. D. 1042 McCreight, J. D. 1042 McCullagh, S. 1023 McDaniel, L. L. 7307 McDaniel, M. E. 1330, 5563 McDermott, J. M. 1530 McDonald, B. A. 3268, 6462 McDonald, D. 1072, 5182, 6887-6889, 8221, 8228 McDonald, G. I. 556 McDonald, J. 5860 MacDonald, J. D. 364, 3546, 3899 3899 McDonald, M. R. 1573 McDonald, R. E. 1374 MacDonald, S. G. 2134, 3457 MacDonald, W. L. 1918, 5940 McDuffie, C., Jr. 6812 Mace, M. E. 2687 Maček, J. 4071 McElroy, D. 4096 McElwee, M. 3060 McEvoy, J. L. 1686, 3730 McFadden, H. G. 2002 McFadyen, R. E. 6140 MacFall, J. 7098-7099 MacFall, J. S. 75 McGarvey, P. B. 1469 McGavin, W. J. 2146 McGee, D. C. 801 McGill, W. B. 1749, 6312, 7100 McGimpsey, H. C. 276 McGonigle, T. P. 1785 McGovern, R. J. 372, 854 McGovern, R. J. 372, 854
McGrail, L. 28
McGrath, D. J. 4373, 4375
McGrath, M. T. 750
McGrath, P. F. 2581, 2620
McGrath, S. P. 133
McGraw, R. L. 5738
MacGuidwin, A. E. 3512
McGuire, R. G. 4333, 4986, 5932, 6780
Machado, A. da C. 3204
McHenry, W. B. 871
Machida, Y. 10
Machmud, M. 6896, 8239
McIlravey, K. I. 4651
McIlwraith, N. R. 6463
McInnes, A. G. 5392

McIntosh, C. E. 7837 McIntosh, M. S. 6604 McIntosh, R. A. 1334 Mackay, D. 4663 McKeen, W. E. 5641, 6196, 6750, 6757 Mackenbrock, U. 6968 Mackenzie, A. 1208, 1271, 7363 McKenzie, D. L. 5991 McKenzie, H. 8065 McKeown, A. W. 4612 McKeown, B. 1575 McKern, N. M. 3198 Mackie, G. A. 7366 Mackiewicz, H. 4512 Mackill, D. J. 815, 6522 Mackill, D. J. 815, 6522 Mackinnon, G. 4788 McLaren, C. G. 3297 McLaren, N. W. 1355 McLaughlin, R. J. 2565, 2881 McLaughlin, S. B. 1158, 5962 McLean, B. T. 5232 Maclean, D. J. 1287 Mclean, G. D. 6614 McLenaghan, C. C. 5301 McLeod, A. R. 1972-1973, 3993 3993 MacLeod, J. A. 7436 MacLeod, L. S. 512, 517, 520-MacLeod, R. A. 1668 McMillan, R. T., Jr. 2987, 4275, 4279 McMillian, W. W. 2000 McMullen, M. D. 5610, 7550 McNabb, H. S., Jr. 4419, 4421 McNamara, R. B. 7497 McNamee, P. J. 527 McNicol, R. J. 2143, 6656 Macpherson, S. 6222 Macpherson, S. 6222 Macquaire, G. 3439, 3441 McRae, C. F. 652 McRae, E. M. 2762 McRae, K. B. 4322 Macro, J. A. 5395 McRoberts, N. 7408 McRoberts, R. E. 1005 McKoberts, R. E. 1005 McSorley, R. 6814 Macur, R. E. 8022 McVey, D. V. 1285-1286 MacWilliam, S. 2042 McWilliams, E. L. 365 Madan, V. K. 7961-7962 Madar, Z. 5119 Maddaloni, J. 6600, 7736 Maddaloni, J. 6600, 7736 Maddaloni, J. 6600, 7736 Madden, L. V. 262, 1667, 2206, 2803, 3454-3455, 3710, 4975, 5445, 5449, 5456 Maddens, K. 6214 Maddox, J. J. 6320 Madej, T. 4461 Maden, S. 1415, 2350 Madge, D. G. 2837 Madhosingh, C. 3856 Madhu Meeta 855, 869 Madhukar, J. 5795, 5802 Madhusudan, T. 1620 Madjidieh-Ghassemi, S. 1438 Madkour, M. A. 1343, 5250 Maeda, H. 1464 Maeda, T. 375, 4040, 7362, 7378, 7391, 7702 Maejima, K. 8105 Maekawa, N. 3665 Maeno, S. 6269 Maertens, P. 3414, 4958 Maeso, D. C. 508 Maeta, S. 5366 Magalhães, A. C. N. 6549 Magalhões, A. C. N. 6549 Magallona, E. D. 576, 7074 Magan, N. 498-499, 1973 Magarey, P. A. 1428, 2826, 2836-2837, 3772, 4296, 6266 Magdalita, P. M. 445 Magee, P. S. 4631 Magel, E. 2958 Magembe, H. M. A. 8325

Magila, A. S. 7518 Magro, P. 3471, 6880 Magurov, P. F. 2636 Magyari, I. 47 Mahadevam, A. 7000 Mahadevamurthy, S. 328, 7579 Mahadevan, A. 166, 6072, 6176, 6998, 7023-7024, 7026, 7031 7026, 7031
Mahadevappa, M. 6513
Mahajan, K. C. 160
Mahajan, V. 6499
Mahalinga, D. M. 7572
Mahamad, M. I. 6671
Mahanta, I. C. 637
Mahendra Pal 8272, 8284
Mahashayari, P. K. 3652 Maheshwari, R. K. 3652 Maheshwari, S. K. 6037, 6126 Mahmood, K. 2240 Mahmood, M. 5164, 8257, 2384 8284 8284 Mahmood, S. K. 2064 Mahmood, T. 5563 Mahmoud, B. K. 4184 Mahmud, Z. 7904 Mahoney, N. 440, 4940 Mahrer, Y. 2994, 7399 Maia, N. 500 Maier, V. P. 6351 Maier, Waercker, V. 680 Maier, V. P. 6351 Maier-Maercker, V. 6809 Maiero, M. 3547 Main, C. E. 1461, 6755 Mainolfi, P. 3471 Mainou, A. C. 3440 Maior, I. Yu. 7376 Maison, P. 3445 Maiss, E. 2546, 3207, 5485 Maiti A. 4494 Maiti, A. 4494 Maiti, D. 5652 Maiti, S. 2182, 3961
Maitra, A. K. 4881
Majumdar, A. 6699, 8212
Majumdar, M. 1149
Majumdar, V. L. 3965
Makarova, N. A. 2603, 7466
Makhmudkhodzhaev, T. 5688
Makino, K. 7002
Makkiumi, Y. 6270
Makki, M. A. 3241
Makkouk, K. M. 3617, 3630
Makovskaya, A. A. 7773
Makovskaya, A. A. 7773
Makovski, R. M. D. 4619-4620 Maiti, S. 2182, 3961 4620 Maksimenko, L. A. 7377 Maksimova, N. I. 5240 Malajczuk, N. 1163-1164, 1510, 5325-5326 Malathi, V. G. 8318 Malathi Gopalan 4866 Malathrakie, N. E. 4381 Malathrakis, N. E. 4381, 4514 Malavolta, V. A., Jr. 6489, 6779 Małek, L. 5154 Malenin, I. 6692 Malepszy, S. 8161 Malhi, N. S. 6499 Mali, P. C. 8286 Mali, V. R. 6082-6083, 7566 Malibari, A. A. 1177 Malik, A. N. 8188 Malinao, M. C. 1340 Malinova, L. 2252 Malinovskii, Yu. Yu. 57 Mall, S. 4330, 7931 Mallaiah, K. V. 5690 Mallesha, B. C. 1179 Mallett, K. I. 1528 Mallevialle, J. 4679
Malorni, A. 248
Malouf, G. 7649
Maloy, O. 4960
Maloy, O. C. 5770
Maltby, A. 6141
Maltby, J. E. 4373
Malvick, D. K. 18, 2910
Malyshenko, S. I. 5916, 7326
Malyuganov, V. A. 6691
Mamluk, O. F. 3241
Mamoun, M. 116 Mallevialle, J. 4679 Mamoun, M. 116

Mamta Sharma 7148 Mamula, D. 5137, 8327 Man, A. 2655 Manalo, P. L. 6149 Manceau, C. 2751, 3426 Mancl, M. K. 5839 Mandahar, C. L. 1232, 1238-1239, 1242, 1244, 7527-7538 7528 7528 Mandakini Nayak 5653, 7586 Mandal, T. K. 7057 Mandeel, Q. 6023 Mandel, A. M. 3218 Mandelbaum, R. 694 Mandhare, V. K. 4605 Mandloi, K. C. 6038-6039 Mandloi, S. C. 4164, 4523, 4531 4531 Mandolino, G. 2190 Manes, F. 2892 Mang, K. Q. 5486, 7380 Mangat, B. K. 807 Manibhushanrao, K. 3308, 4785, 6524 4/83, 0324 Manici, L. 4090 Manicom, B. Q. 1221, 2088 Manikandan, P. 2851 Manion, P. D. 223, 4420, 5936 Manjari Majumdar 1149 Manji, B. T. 7799 Manju Singh 5413 Manjunath, A. 1180 Manjunath, K. L. 828, 4130, 7663 Mańka, K. 1536 Manka, M. 3985, 3989, 4175 Man'ko, A. E. 2973 Man'ko, A. N. 5974 Manners, J. M. 8, 1405, 1878, 4788 Manno, M. 4677 Manoch, L. 205 Manocha, M. S. 4721 Manohar, S. K. 804, 6905 Manoharachary, C. 1846, 3144, 7154 Manrao, M. R. 1718 Mansfield, J. 3093, 6866, 6914 Mansfield, P. J. 1972 Mansfield, R. W. 6277 Mansk, Z. 2046 Mansky, L. M. 1893, 6876, 7324 Manson, D. C. M. 4188 Mansour, F. 5306 Mansur, M. A. 6529 Mansur, M. A. 6529 Manthey, R. 6443 Mantle, P. G. 7502, 7574 Mantovani, G. 5968 Manulis, S. 3315, 3337 Manwan, I. 2658 Manzali, D. 6708 Manzanera, L. 4148 Manzer, F. E. 6733 Mappes, D. 436 Magbool, M. 5700 Maraîte, H. 3111 Maraite, H. 775, 1108, 2032, 2424, 4026, 4791 2424, 4026, 4791
Marani, A. 1283, 3246
Marani, F. 867
Marassas, W. F. O. 309, 1306-1307, 1327, 1339, 1829, 1937, 2513, 4731
Marchal, A. 115
Marchal, A. 115
Marchand, J. L. 5930
Marchetti, M. 7043
Marchetti, M. A. 3302, 7620
Marchisio, V. F. 4754
Marchoux, G. 3041, 6117, 8310-8311 8310-8311 Marciano, P. 6880 Marcinkowska, J. 4522, 6042 Marco, S. 2189 Marco, S. di 6836 Marco, Y. J. 501 Marcus, R. 1889 Maren, A. F. van 3537 Marer, P. J. 4664 Margarey, P. A. 4286 Margin, L. A. 426

Margot, P. 6485, 6599 Mariappan, V. 4871-4872, 7321, 7637, 7641-7642, 7644 Marie, B. A. 2914 Marilleau, R. 7873 Marimuthu, T. 5827-5828, 7865 Marina, B. 2818, 3449 Marinansky, R. 2677, 6694 Marinelli, M. 3545 Marinescu, I. 4909 Marinikumar, K. M. 1179 Marinković, N. 5203-5204 Marinova, N. 2786 Mariotto, P. R. 7867 Mariuzza, L. 4754 Markkola, A. M. 5319-5320, 5958 Markkula, M. 2561 Marková, J. 4189 Marks, G. C. 1167, 4686, 5954, 8093 Marks, S. 403 Marks, S. 403 Marmolejo, J. G. 4416, 4435 Marocco, A. 1267 Marois, J. J. 3347, 3464, 3477-3480, 4257, 4982-4983 Maroofi, A. 3093 Maroon, M. C. M. 2813 Marquet, P. Y. 316 Marquet, F. 7, 316 Marquez, R. 6600 Marras, F. 6114 Marriott, A. C. 3947 Marroquin, E. 7803-7804, 7818 Marschner, H. 3815 Marschner, H. 3813 Marsden, M. A. 527, 8037 Marsh, L. E. 7357 Marshall, D. 4018, 5563 Marshall, J. 6438 Marshall, J. 6438 Marshall, R. E. 2701 Martanovich, D. 3205 Marte, M. 5511, 7374 Martelli, G. 1471 Martelli, G. P. 923, 1092, 2823, 2969, 3909, 5810, 6400 Martens, J. W. 1948 Marthi, B. 1694 Martin, C. 8290 Martin, D. 27 Martin, E. J. 3778 Martin, F. 65, 95, 100, 1173 Martin, F. N. 182 Martin, G. L. 554 Martin, H. C. 4439 Martin, J. F. 4734 Martin, J. G. 4199 Martin, J. P. 2680 Martin, J. P. 2680 Martin, K. 4394 Martin, M. T. 1252, 3922, 3932, 5479 Martin, N. E. 6800 Martin, P. H. 2120 Martin, P. K. 766 Martin, P. M. D. 7443, 7839 Martin, R. A. 1274, 5730, 7436 Martin, R. R. 2134, 3457, 7323 Martin, S. L. 2003 Martin, S. R. 2842 Martin, T. J. 280, 6440 Martin, Z. J. de 4956 Martin, Z. J. de 4956
Martín Triana, E. L. 8320
Martínez, A. T. 1871, 6378
Martínez, B. R. 5788
Martinez, C. 1203, 4037
Martinez, J. P. 3268, 6462
Martinez, M. E. 4123
Martinez, M. J. 509
Martínez, R. T. 5158
Martinez, Garza A. 5833 Martinez Garza, A. 5833 Martínez Ramirez, J. L. 5618 Martínez Soriano, J. P. 5461 Martino, A. de 2261 Martino, L. 7921 Martinsson, O. 1541 Märtlbauer, E. 2583 Marucci, P. 5776

Maruyama, E. 3756, 7152 Marvin, C. H. 40 Marwaha, R. S. 7835 Marx, D. 2815 Marx, D. H. 7107 Marx, D. M. 2368 Marzachì, C. 849 Marziano, F. 3326, 6709 Masaba, D. M. 833, 6551 Masaba, D. N. 7678 Masel, A. 8 Mashchenko, S. S. 3586 Mashiringwani, A. 1955 Mashtakova, A. Kh. 6012 Masia, A. 3589 Masner, P. 6283 Mason, P. A. 4475, 6313, 7104 Mason, R. W. 7167 Masood, A. 195, 2647, 4497 Masroor, M. K. 7084, 7672-Massicotte, H. B. 7097 Massiot, G. 3753 Massolini, G. 1714 Massonié, G. 3445 Masuch, G. 1561 Masuda, K. 6269 Masuka, A. 6791 Masuko, M. 4676, 6270 Masurat, G. 5242 Masuta, C. 1259, 7351-7352 Matalaote, B. 1358, 3296 Matano, O. 7042 Mateeva, Z. 6406 Mateeva, Z. 6406 Matejka, J. C. 4129 Mateo-Sagasta, E. 8123 Materazzi, A. 6820 Mathai, G. 3496 Mathen, K. 2183 Mathéron, B. 2184 Matheron, M. E. 1628, 4129 Mathew, C. 3492 Mathew, J. 147, 3496, 5349, 6330, 7866, 8314 Mathews, D. M. 1254 Mathews, H. 6617 Mathews, H. 6617 Mathewson, R. S. 6607 Mathias, J. K. 875 Mathias, J. K. 673 Mathieson, J. T. 1298-1299 Mathieu, C. 1466 Mathre, D. E. 312, 2606, 8022 Mathur, A. K. 6096, 6700, 7529 Mathur, B. K. 1831 Mathur, N. 5454 Mathur, S. B. 1290, 4603, 4866 Mathur, S. K. 3652 Mathys, D. 7044 Matiello, J. B. 2046 Matorina, N. M. 5019 Matos, F. S. A. 1102 Matoušek, J. 2243, 3539 Matoušek, M. 55 Matrod, L. 8301 Matschke, J. 2925 Matsuda, Y. 4681, 5351 Matsuhashi, M. 4885 Matsui, S. 669 Matsukura, Y. 3121 Matsumoto, K. 3412 Matsumoto, N. 1276, 1810 Matsumoto, R. 4142 Matsumoto, T. 2082 Matsuoka, M. 2228 Matsushima, H. 662 Matsuta, N. 7784 Matsuyama, N. 7010-7011, 7030, 7611 Matta, A. 6710 Matta, F. B. 7803-7804, 7818 Mattanovich, D. 3204, 3942, Matteo, M. 7397, 8009 Matteoni, J. A. 1270, 5707, Mattern, G. C. 1732 Matthee, F. N. 2833, 3481 Matthew, J. S. 3849

Matthews, D. E. 6036 Matthews, F. R. 1544 Matthews, G. A. 6747 Matthews, P. 8181, 8187 Matthysse, A. G. 2338, 6202 Mattiasson, B. 1691 Mattusch, P. 3959 Matumoto, Y. 1917, 7373 Matus T., I. 3250 Matveeva, E. V. 7635 Maty Matyac, C. 4643 Matzeit, V. 1936 Matzura, H. 5252 Mauch, F. 4016 Maude, R. B. 1634-1635, 2398 Maule, A. J. 4768, 6412 Mäurer, S. 6421 Maury, Y. 3618 Mauthe, W. 1196 Mauza, B. 1044 Mauza, B. 1044 Mavandad, M. 4537 Maximova, N. I. 1805 Maxwell, D. P. 5158 May, D. M. 589 May, R. 1807 May, R. M. 6980 Mayato, L. S. 3461 Mayea, S. 7160 Mayea Silverio, S. 973 Mayee, C. D. 964, 4309, 4552, 6075, 6705 Mayer, A. 2229 Mayer, H. 4393 Mayer, J. E. 2403 Mayer, J. R. 1153 Mayfield, M. B. 3846 Maykuss, F. 938 Mayo, M. A. 3452, 6404, 7367 Mayrhofer, H. 880 Mazars, C. 316, 6704 Mazen, M. B. 2690 Mazepa, V. G. 5099 Mazet, M. 4680 Mazin, V. V. 2728, 4929 Mazyad, H. 5495 Mazzafera, P. 6549 Mazzola, M. 552 Mbewe, M. N. 3021 Mbwaga, A. M. 1358, 3296, 7827 Mead, A. 5452 Meah, M. B. 4276 Mebrahtu, T. 8196 Meckenstock, D. H. 2007 Medberry, S. L. 5484 Medda, R. N. 1569 Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent 3692 Medeiros, E. F. 6550 Medeiros, M. A. P. X. L. 4154 Medici, M. A. 277 Medici, M. A. 277 Medici, R. 1893 Medina L., J. O. 6926 Medis, S. A. 5648 Medrano, F. G. 4870 Medvedev, A. V. 591 Medvedeva, N. I. 591 Meehan, B. M. 2554, 5482 Meena Nigam 7962 Meenakshi Munshi 7071 Meer. L. J. van der 2694 Meer, L. J. van der 2694, 6567 Meera Pandey 8293 Meeta, M. 855, 869 Meeús, P. 4041 Meganathan, R. 5906 Meheriuk, M. 4235 Mehrotra, B. S. 5400, 6992, 7168 Mehrotra, M. D. 959, 1522, 2256, 4425, 5061, 8118 Mehrotra, R. S. 147, 1085, 4819, 5213, 5290, 5549, 8266 Mehta, A. 3791, 8119 Mehta, K. G. 4992 Mehta, P. 3791, 8119 Mei, J. F. 7506

Meier, D. 6968 Meier, I. 4995 Meier, I. 4995 Meier, S. 2484, 2490, 7110 Meier, U. 3861 Meier, U. von 4922 Meignoz, R. 6419 Meilán, G. 6740 Meins, F., Jr. 4355 Mejstřík, V. 76, 1747 Mejstrhacekík, V. 7136 Mela I. 853 Mela, L. 853 Melbourne, S. 512, 514, 517 Melchers, L. S. 2229 Melchior, F. 5812, 5816, 7851 Meldahl, R. S. 1555 Melero, J. M. 7231 Meletzus, D. 1678 Melgarejo, P. 431, 1418 Melichenko, G. I. 2853 Melgarejo, P. 431, 1418
Melichenko, G. I. 2853
Melkebeke, G. I.710
Mel'kumova, E. A. 7494
Mellado Z., M. 3250
Mellenthin, W. M. 5763
Meller, Y. 5373
Mellon, J. E. 2689
Mellor, R. B. 7146
Mel'nik, I. A. 4165
Mel'nik, I. A. 4165
Mel'nik, V. 1222
Mel'nik, V. A. 6363
Mel'nikov, N. N. 2473
Melo, I. S. de 3679
Melouk, H. A. 1656
Melton, T. A. 5912
Memelink, J. 2693, 5463, 6570
Mendez, B. M. J. 4269-4270
Mendgen, K. 1332, 3632, 6195, 6347, 7179
Mendoza, A. 4245
Mendoza-Herrera, A. 3424
Mendoza Zamora, C. 5594, 5746, 5781 Mendoza Zamora, C. 5594, 5746, 5781
Meneses, R. 5918
Meneses, R., Se62
Menetrez, M. L. 2890, 6753
Meng, M. Q. 2292, 3576
Meng, Y. R. 1856
Menge, J. A. 2500, 2674, 5327, 5350, 5677
Mengel, K. 2302
Mengistu, A. 1031, 3015
Mengle, D. C. 5307
Menina, M. M. 8050, 8075
Menke, I. 8203
Menkissoglou, O. 6209 Menkissoglou, O. 6209 Mentaberry, A. N. 3218 Menten, J. O. M. 886, 1048, 6735-6736, 7867 Menzies, J. G. 3611, 4515, 5803 \$803 Meparishvili, S. U. 1296 Mepsted, R. 7905, 7907 Mercelis, N. R. 886 Mercer, E. I. 1722, 3998, 5529, 7053 Mercer, P. C. 276 Mercy, S. T. 7585 Meredith, R. 6824 Mercetho, A. F. 2602 Meredy, S. 1. 7535 Meredith, R. 6824 Merezhko, A. F. 2602 Merezhko, V. E. 7540 Merler, H. 2287 Merlini, L. 3120, 6281 Merlo, D. J. 6607 Mermet, J. M. 5959 Mernaugh, R. L. 3217 Meron, M. 3865 Meronuck, R. A. 1349 Merriman, P. R. 4252 Mersie, W. 8196 Mertelik, J. 368 Merwe, J. A. van der 2103 Merzlyak, M. N. 1805, 5240, 7190, 7929 Mes, J. J. 2694, 6582 Mesdag, J. 754 Meshi, T. 1900, 5465, 5905, 7345 Meshkov, A. V. 6021 Meshkov, A. V. 6021 Meshkov, V. S. 6021 Meshram, M. K. 7690 Mesina, E. M. 816 Messina, F. 6666

Messing, J. 4056
Mesterházy, A. 3990, 5522
Mesturino, L. 7824-7825
Methner, M. M. 6610
Mettrie, R. 502
Metts, J. 6202
Metts, Doutigue, M. H. 5155
Metzenberg, R. L. 1121
Metzger, R. J. 6458
Metzler, B. 77
Meulenhoff, E. J. S. 5055
Meulenhoff, J. S. 7416
Meulewaeter, F. 3911
Meunier, S. 5194
Mevel, S. 3594-3595
Mew, T. W. 825, 2026, 3111, 3309, 4111, 4113, 4116, 5655, 7639
Meyer, B. 5680
Meyer, D. 4034
Meyer, E. H. 2401 Meyer, B. 5680 Meyer, D. 4034 Meyer, F. H. 2491 Meyer, J. R. 5911 Meyer, N. 6268 Meyer, R. 701 Meyer, U. 580, 2122, 2538, 4842, 4946, 5601, 5978, 6015 Meyers, P. 6232 Meynier, V. 5082 Mezentseva, O. Yu. 2731, 4755, 5429, 7753 Mező, G. 449 Mező, G. 449 Mezzetti, B. 7779 Miah, A. J. 6529 Miah, M. A. J. 6090 Miah, M. A. T. 2019 Miah, S. A. 2019, 2191, 4868 Mian, I. H. 3851, 4879 Miao, V. P. W. 3462, 6036 Micales, J. A. 2310 Michail, S. H. 8175 Michaildes, T. I. 4430, 4961 Michailides, T. J. 4430, 4961, Michaliková, A. 771 Michalski, L. 8227 Michel, G. 5359 Michel, M. F. 718, 2453 Michelakis, S. 6686 Michelakis, S. 6686 Michelesi, J. C. 2129 Michellon, R. 5930 Michelmore, R. W. 2391-2392, 3661, 5360 Michelozzi, M. 1545 Michelsen, A. 1187, 2504 Michniewicz, M. 3857, 4825 Micinski, S. 4904, 6558 Micin, C. 6543 Micio, C. 6543 Miclaus, D. 7410 Middleton, K. 4654 Middleton, K. J. 6896, 8239, 8241 Miedaner, T. 5607 Mielke, H. 4034 Mielke, M. E. 2258 Migheli, Q. 6586-6587 Miginiac, L. 3757 Miglio, G. 6819 Mignani, I. 6637 Miguet, J. G. 2194 Mih, A. M. 5185 Mihuta-Grimm, L. 1472 Mijatović, M. 3038, 5203 Mikami, N. 3784 Mikami, Y. 7313 Mikhallova, L. A. 2604, 7460, Mikhatlova, L. A. 2604, 7467, 7473
Mikhatlova, O. B. 3740
Mikhatlova, V. N. 5838
Mikhlina, L. B. 2941
Mikhova, S. 2578, 6442
Mikhovaka, B. 2785
Miki, K. 244
Mikite, G. 6282
Mikityuk, L. V. 753
Miklasz, S. D. 1901
Mikola, P. 78, 2488
Mikologiya i Fitopatologiya 6956 6956 Mikoshiba, Y. 5169-5170, 8204-8205 Miladinović, Ž. 3038

Milaire, H. G. 1407 Milam, M. R. 4864 Milbrath, G. M. 4178 Miles, D. H. 1725, 3749, 6261 Miles, N. W. 6644 Milevoj, L. 4080 Milgroom, M. G. 1883, 4323 Milholland, R. D. 917, 3475, 4974 Milicić, D. 378 Milinkó, I. 2640, 6156 Millar, G. D. 2427 Miller, G. A. 1509 Miller, G. L. 1193 Miller, J. D. 5031, 5385, 7185 Miller, J. F. 5835 Miller, J. W. 865, 6573, 7722 Miller, M. H. 1785 Miller, O. K., Jr. 1757, 2493 Miller, R. V. 1648 Miller, R. W. 3562 Miller, S. A. 228, 6460-6461 Miller, S. J. 3947, 7358 Miller, S. L. 2486 Miller, S. L. 2486 Miller, T. E. 4812 Miller, W. A. 1893, 3935 Miller, W. R. 1374, 2036 Millet, N. 718 Milliano, W. A. J. de 812, 1358, 3296-3297, 3299, 7574 Milligan, D. E. 2335, 6007 Mills, D. 1887, 1959, 4720, 4837 Mills, L. J. 4535 Mills, P. 2553 Mills, P. R. 276, 2554, 5482 Mills, S. D. 1226 Milne, A. G. 233 Milne, J. R. 5043 Milne, K. S. 384 Milne, R. G. 3234, 6399, 6419 Milus, E. A. 2589 Mims, C. W. 7156 Min, B. R. 1853 Min, B. R. 1853 Min, H. S. 4097, 4100 Minafra, A. 2823, 5810 Minardi, P. 2891, 7989 Mindrinos, M. N. 3626 Mineev, V. G. 4307 Mineo, K. 4477 Minerbi, S. 1492 Miney, I. 2785 Ming, J. X. 7063 Minguzzi, A. 6642 Mink, G. I. 2798, 3655, 4536 Minkevich, I. I. 8091 Minobe, Y. 3923, 3928, 3934, 3938 Minocha, S. C. 50 Minogue, K. P. 3711 Minowa, N. 8104 Minsavage, G. V. 663 Minton, E. B. 5687 Minton, N. A. 1617 Mir, G. N. 4118 Mirabolfathy, M. 1385, 1387, Miraglia, M. 6543 Miranda, M. 3195 Miranda B., F. 5614 Mirenna, L. 6280 Mirkov, T. E. 1254 Miroshnichenko, N. A. 5488, 7356 Mirza, M. 6101 Mirzaazimova, Kh. T. 2055 Misaghi I. J. 840 Misari, S. M. 5841 Mischke, S. 5382 Miścicki, S. 553 Misener, G. C. 4324 Mishina, G. N. 5531 Mishra, A. 5565 Mishra, A. K. 44 Mishra, B. 444, 3765, 5843, 6722, 6773, 7559 Mishra, B. P. 2038 Mishra, C. B. P. 4166-4167

Mishra, D. 637, 643, 1623, 2315, 5123, 5417, 6084, 8006, 8244 Mishra, M. D. 7596, 8000 Mishra, M. R. 6901 Mishra, R. C. 3256, 7471 Mishra, R. K. 7066 Mishra, R. R. 86 Mishra, S. P. 4529, 6038-6039, 8180 Mishra, U. S. 4305 Misko, I. 2122 Misra, A. P. 6429 Misra, A. R. 1717 Misra, B. M. 541, 1489, 4417, 8089 Misra, D. 7056 Misra, J. P. 1717 Misra, N. 1612, 7056 Misra, N. 1612, 7036 Misra, R. P. 2023 Misra, S. R. 5034 Mistry, J. 7539 Mitchell, D. J. 3675-3677, 4128 Mitchell, D. T. 6314 Mitchell, D. T. 6314
Mitchell, J. K. 6028
Mitchell, M. J. 2146, 3452
Mitchell, R. 6814
Mitchell, R. E. 18
Mitchell, S. J. 6427
Mitsuhata, K. 375, 4040, 7391
Mitsushima, T. 2397
Mittal, N. 7148
Mittermeier, J. 6461 Mittermeier, L. 6461 Miura, I. 6269 Miura, M. 4890 Miura, Y. 4890 Miyagawa, T. 8141, 8154 Miyajima, H. 535 Miyake, S. 2527 Miyamoto, J. 3784 Miyashita, K. 3113 Miyashita, K. 4914 Miyoshi, H. 1723 Mizell, R. F., III 7794 Mizonobe, G. 5351 Mizonobe, G. 5351 Mizuno, H. 1915 Mizutani, J. 3121, 7206 Mladenov, M. 2579 Mochalova, L. I. 4808 Mochizuki, N. 322 Mock, N. 5050 Mock, R. G. 483, 490 Möder, D. 468 Moditz, P. 3807 Modjtahedi, N. 1903 Moechnig, B. W. 7046 Moentono, M. D. 1347 Moerschbacher, B. M. 19 Moerschbacher, B. M. 1947, 4801, 5554 Mogen, K. L. 2115 Moghe, P. G. 1361, 1365, 8308 Mogi, S. 7648 Mogilaiah, K. 1713, 7073 Mogilaiah, K. 1713, 7073 Mögling, R. 1052 Mohamed, F. 1237, 3216 Mohamed, H. A. 2712-2713 Mohamed, M. A. 4777 Mohamed, M. Y. 6263 Mohamed, R. A. 5157 Mohammad, A. 4998 Mohammad, S. 2005, 2646, 4860 Mohammad Aslam 6010 Mohammad Khan 7557 Mohammad Khan 7557 Mohan, C. 806, 1445, 7993 Mohan, L. 7938 Mohan, P. 5029 Mohan, R. 2905 Mohan, S. 803, 839, 2154, 4580, 5628, 5793, 7823 Mohan, Y. 1952 Mohanan, C. 6796, 8068 Mohanan, R. C. 3236 Mohankumar, V. 157 Mohanraj, D. 1449 Mohanty, S. K. 7597, 8006 Mohit Singh 642 Mohn, C. A. 5095 Moiseeva, G. P. 2056

Mojdehi, H. 7510 Mojdeni, H. 7510 Mokhova, L. M. 7452 Mokrá, V. 368 Mokritskii, V. A. 2941 Molas, J. 4321 Molchanova, L. M. 6473 Moldovan, M. 2593 Moletti, M. 3303 Molina, J. 6713 Molina, M. 6508 Molina-Garcia, A. D. 1913 Molina Ramos, E. 973 Moline, H. E. 4650 Molins, M. I. 2673 Moll, E. 3388 Molot, P. M. 3969 Molski, B. 6807 Molski, B. 6807 Momma, T. 8153 Momol, E. A. 3162, 3168 Momol, M. T. 7963, 7966 Monahan, J. F. 6748 Monde, K. 577, 4597 Mondeshka, P. 2785 Monestiez, P. 5467 Monette, P. L. 924, 2157 Monga, D. 4357-4358, 4361-4362, 6759, 7983 Monistrol, I. F. 5380 Mon'ma, S. 3049 Monsion, M. 3439 Montalbini, P. 5907, 7977, 8194 8194 Montanelli, C. 6734, 7937 Montasser, M. S. 1470-1471, Monte, E. 7208 Montelius, I. 4767 Montelongo, S. Q. 2405 Montenegro, E. 4734 Montenegro, E. 4734
Montes Belmont, R. 5244
Montes de Gomez, V. 4148
Montesinos, E. 3430, 4250
Montfort, F. 6467
Montpetit, D. 72
Montrozier, H. 7015
Moody, B. H. 978
Moore, J. G. 3152
Moore, L. W. 3078-3079, 3519, 5761
Moore, P. 4352
Moore, R. A. 3550, 7019
Moorman, G. W. 7718
Moosa, H. 6328 Moosa, H. 6323 Mooter, M. van den 1699, 3309 Mora, F. 6554 Mora, G. 5786-5787 Moraes, S. A. 7867 Morales, F. 5158 Morales, F. J. 422, 3214, 3617, 4533 3617, 4533 Morales García, J. L. 5789 Morales Gómez, Y. 7210 Moran, J. R. 357, 387 Morbitzer, A. 2739 Mordanov, S. F. 6476 Mordue, J. E. M. 7254 Moré, D. 5356 More, T. A. 1039, 6841 More, W. D. 5629 Moreau, J. M. 4026 Morel, P. 1670, 2451 Morelet, M. 1540 Morelli, M. A. C. 8116 Morelli, M. A. C. 8116 Morelock T. E. 6828 Moreno, P. 716, 4123, 5667 Moreno, R. 8313 Moreno G., E. 4147 Moreno González, E. 6542 Moreno González, E. 6542 Moreth, L. 5306 Morgan, B. J. T. 538 Morgan, D. P. 2908 Morgan, L. W. 1617 Morgan, M. R. A. 3897 Morgan-Jones, G. 212, 505, 507, 2118, 3189, 3191, 3194, 3340, 3359, 7705 Morgham, A. T. 1053 Mori, K. 1451 Moricca, S. 3560 Morin, C. 6262

Morin, L. 1112 Moriones, E. 254, 3931, 7368 Moriones, E. 234, 3931, 7308 Morishima, H. 4115 Morita, Y. 2659 Moriyasu, P. 2078, 2082-2083 Moroianu, J. 5239 Moromizato, Z. 1210 Morooka, N. 8104-8105 Morozov, S. Yu. 3499; 5488, 7356 7356
Morozov, V. A. 3910
Morozov, Yu. M. 7608, 7610
Morozova, L. E. 5337
Morozova, T. V. 7802
Morrall, R. A. A. 1577, 6087
Morris, D. A. 5173
Morris, G. S. 1146
Morris, J. C. 2772
Morris, J. S. 6601
Morris, J. W. 3084
Morris, M. J. 1647 Morris, M. J. 1647 Morris, P. 6618 Morris, P. C. 3706 Morris, R. A. C. 2365 Morris, R. A. C. 2365 Morris, R. O. 3084 Morris, S. C. 7670 Morris, T. J. 250, 1255-1256 Morris, V. L. 3550, 7019 Morrison, J. C. 2843, 4297, 4983 Morrow, A. C. 7744 Mortensen, K. 4619-4620 Mortensen, L. 6238, 8088 Mortensen, L. M. 1499 Mortier, F. 79 Mortishire-Smith, R. J. 8296 Morton, A. 1433, 3331 Morton, A. M. 8150 Morton, J. B. 127, 3826-3827, 7142 Morvan, G. 3442-3443 Morvan, G. 3442-3443 Mosch, J. 3088 Moschke, M. 2855 Moseley, J. 2972 Mosely, P. R. 7560 Moseman, J. G. 1318 Moses, A. S. 3881 Moses, G. J. 2170, 2172 Mosinger, F. 6725 Moses, G. J. 2170, 2172 Mosinger, E. 6725 Moskalenko, N. V. 7020 Moskalets, V. I. 5606 Moskaluk, E. R. 5731 Moss, M. A. 511 Mosses, G. J. 1067 Mossman, D. J. 6287 Mostade, O. 3747 Mostafa, E. E. 2630 Mostafa, E. E. 2630
Mostafa, M. A. N. 795
Mostafa, S. M. 2058
Motas, C. 5239
Motes, J. E. 3674
Motoyoshi, F. 1895, 5489
Motte, G. 4544, 5242, 7456
Mouhi, M. N. 4315
Mould, M. J. R. 6612-6613
Mouli, B. C. 3528-3529, 6743
Mouly, A. 5003
Mount, M. S. 3103
Mourad, M. Y. 2844
Mousain, D. 95, 5323
Moussa, M. 7558
Moussa, S. 4636
Moyer, B. G. 3364, 6606 Moussa, S. 4636 Moyer, B. G. 3364, 6606 Moyer, J. W. 645, 5473 Mozhaeva, K. A. 5916 Mridha, M. A. U. 2411, 5208 Msikita, W. 6844 Msiska, F. S. 1358, 3296 Mtisi, E. 812, 1358, 1955, 3296, 3299 Mu, C. 4921 Mu, L. 2075 Mubashir Niaz 1033 Mucharromah, E. 6838 Muchovej, J. J. 1188, 1862, 5425, 5684, 6047-6048 Muchovej, R. M. C. 1188, 6047-6048 Mucina, L. 8042 Mudgett, M. B. 3089 Muehlchen, A. M. 597

Muehlstein, L. K. 8332 Mueller, G. M. 1755, 3133, 3136, 4696 Mueller, W. C. 1053, 6560 Mugala, M. S. 1528, 5094 Mughal, S. M. 4318, 7548 Mughogho, L. K. 804, 4862, 7569 Mugnai, L. 3573 Mugnier, J. 224 Muharam, A. 2242 Muheet, A. 573, 4501 Muhyi, R. I. 2408 Muid, S. 423 Muid, S. 423 Muimba-Kankolongo, A. 800 Mukai, K. 6278 Mukai, T. 3307 Mukai, Y. 6440 Mukerjee, P. 2028 Mukerji, K. G. 138, 172-173, 7148, 7859 Mukhamedov, R. S. 7393 Mukhamedovanov, M. V. 7686 Mukherjee, N. 1614, 7025 Mukhina, Zh. M. 7635 Mukhopadhyay, A. N. 1132-1133, 7986 Mukhopadhyay, S. 1265, Mukhopadhyay, S. 126: 1468, 6395
Mukoo, H. 2707
Mukunya, D. M. 1058
Mulatu, T. 6509
Mulekar, V. G. 6705
Mullaney, E. J. 1220
Mullen, J. M. 7705
Mullen, R. J. 5199
Müller, D. 7879
Müller, F. 834
Müller, G. 2617 Müller, G. 2617 Müller, J. 8113 Müller, K. 2596 Muller, P. J. 2694, 6596 Müller, R. 438 Muller, R. A. 4149 Müller, W. A. 3507 Müller, W. J. 7533 Müller-Starck, G. 8043 Müllier-Starck, G. 8043 Mullin, J. 2188 Mullinsaux, P. M. 1251, 5534 Mullins, J. 3807 Mullins, J. A. 6833 Mulqueen, P. J. 1138 Mulya, K. 7853, 8084 Mun, H. T. 1766 Munasov, Kh. 5688 Mundry, K. W. 3919 Mundt, C. C. 757, 5562, 6452 Mundy, J. 5592 Mundy, J. 5592 Muneem, K. C. 761 Muniappa, V. 2381 Munier, D. 8249 Muniyappa, V. 6795, 7332 Munk, W. J. de 2693 Munkvold, G. P. 4257 Munns, D. N. 3831 Muñoz, N. 4123 Muñoz, M. 4123 Muñoz de Con, L. 8162 Munro, J. M. 6830 Munshi, G. D. 7405, 7488, 7847, 7993 Munshi, M. 7071 Munthe, T. 7514 Munthe, T. 7514 Münzenberger, B. 7113 Murabayashi, A. 4676, 6270 Murali, N. S. 564-566, 5504 Murant, A. F. 1610, 3644, 6885, 7322, 7367 Muras, V. A. 7020 Murata, A. 2775, 2982, 6116 Murata, H. 1686, 2218 Murayama, A. 1917, 5481, 7373 7373 Murdoch, W. W. 4634 Muroi, Y. 4507 Murphy, A. 2873 Murphy, A. P. 5184, 6890, 6892 Murphy, J. F. 1901, 3946, 5045, 5478 Murphy, J. P. 3154

Murphy, M. J. 6240 Murray, F. 6793 Murray, G. M. 1278 Murray, M. B. 4475 Murray, P. J. 1392 Murray, R. A. 4206 Murray, T. D. 3150, 3276, 7543 Murthy, M. R. N. 4765 Murti, V. D. 4125 Musard, M. 1590 Mushegian, A. R. 7326 Musin, S. M. 2853 Muška, J. 3447 Muška, J. 3447 Mussa, A. E. 3870 Musselman, R. C. 2783 Mustaffa, M. M. 1424 Mustardy, L. 1748 Musumeci, M. R. 8005 Mutasa, E. S. 498-499 Mutch, J. P. 5281 Muthamia, E. J. 6540 Muthangya, P. M. 6551 Muthappa, B. 2046 Muthappa, B. 2046 Muthappa, B. N. 1376 Muthe Gowda 595 Muthusamy, N. 5033 Mutitu, E. W. 1058 Mwangi, L. M. 3804 Myalova, L. A. 4253, 4256, 4963 Myasoedova, N. M. 186 Myasoedova, N. M. 186 Myers, D. 412 Myers, D. K. 416 Myers, J. R. 4536 Myers, L. D. 5535 Myl'nikov, N. M. 5869 Myren, D. T. 5956, 8111 Myrold, D. D. 1001 Myrzin, A. S. 4082 Na, C. Y. 6512 Nachmias, A. 479, 2052, 2207-2208, 2247, 2357, 5024, 6712 Nachrichtenblatt Pflanzenschutz 5242
Nachtigall, M. 2764
Nadarajah, P. 163
Nadezhkina, N. D. 7843
Nadolnik, M. 5723
Nagai, Y. 2982, 3057, 6116
Nagaich, B. B. 952, 5867
Nagamatsu, Y. 7785
Nagamine, J. 10
Naganawa, T. 1571
Nagano, S. 4423
Nagao, H. 1587, 5246, 5697
Nagaraja, T. C. 2180
Nagaraja, T. G. 2179, 7868, 7889-7890
Nagarajan, K. 4356 schutz 5242 Nagarajan, K. 4356 Nagarajan, S. 782, 1362, 5448, 6967, 7463, 7469-7470 Nagaraju, A. K. 6513 Nagasawa, E. 3186 Nagasawa, J. 4885 Nagashima, M. 5351 Nagata, R. 5489 Nagata, T. 2226, 6269 Nagel, R. 8 Nagle, M. E. 2878 Nagle, A. 1866 Nagler, A. 1866 Nagovitsyna, A. V. 2725, 4930 Nagpal, B. 688
Nagraja, T. G. 2850
Nagy, G. S. 7262
Nagy, P. D. 6156
Nahar, N. S. 4868
Nahrung, D. C. 4599
Naid, K. S. 935
Naidu, M. S. R. 6257
Naidu, R. 3231, 3483-3484
Naik, K. S. 452, 6697
Naik, M. K. 5826, 7860
Naik, S. L. 4523
Naimuddin 2240
Nain, L. R. 6391
Nair, C. P. R. 2183
Nair, J. M. 1511
Nair, M. 8304 Nagpal, B. 688

Nair, M. C. 5801, 7601 Nair, M. G. 1960, 4635, 6328, 7131 7131
Nair, N. G. 2841, 6129, 8318
Nair, S. K. 7866
Naito, H. 7648
Naito, S. 5136
Najar, A. G. 896
Nakagawa, A. 2370
Nakagawa, S. 502, 5253
Nakagawa, T. 1210, 4092
Nakahara, Y. 6063
Nakai, H. 2031, 3310, 4084, 6529 6529 Nakajima, H. 5366, 7173 Nakajima, S. 3164 Nakajima, T. 1151 Nakaminami, H. 4889, 4987 Nakamura, A. 494 Nakamura, N. 4885 Nakamura, S. 4681 Nakamura, S. 4681 Nakashima, H. 7785 Nakasone, W. 8297 Nakata, A. 4516 Nakatani, F. 4951 Nakatsuka, S. 6527 Nakatsuka, S. I. 5388, 7631 Nakayama, A. 1703 Nakazawa, N. 4943, 6626 Nakov, B. 3051 Nalawadi, U. G. 362 Nalini Nigam 2167 Nalini Nigam 2167 Namai, T. 8171 Namba, S. 3474 Nambiar, K. K. N. 3236, 7902 Nameth, S. T. 2102, 3358 Namita Soni 7962 Namysl, C. 80 Nan, Z. B. 5722, 7749 Nana, L. 267 Nanagyulyan, S. G. 6364 Nance, W. L. 1544 Nandi, B. 1569 Nandi, B. 1569 Nandi, R. K. 8006 Nandris, D. 7945 Nannelli, R. 534 Nanni, B. 3326 Nao, M. 3987 Napoli, L. de 3109 Naqvi, Q. A. 2328, 6416 Narain, A. 625, 4562, 5586, 5892, 6094, 7448 Narain, U. 208, 633 Narasimham, J. V. 1949 Narasimham, J. V. 1949 Narasimham, P. 2187 Narasimhan, V. 814 Narayan, N. 4382, 5642, 5823, 7857, 8149 Narayan Rishi 6938 Narayana, H. S. 4715 Narayanan, K. K. 7300 Narayanan, K. R. 2987, 4275 Narayanan, R. 66 Narayanappa, M. 1424, 7675 Narayanasamy, P. 2666, 5294, 5645, 6884, 7317, 7643 Narendra Singh 4344 Narendra Singh 4344 Narendrappa, T. 3298 Nargund, V. B. 310, 1953, 4424 44.24 Narikawa, T. 8018 Narinder Kaur, 688 Nascari, G. 4331, 6734, 7937 Nascetti, D. 3619 Nashaat, N. I. 7007 Nasim, G. 1033-1034 Nasini, G. 4726 Naskidashvili, Zh. G. 1296 Nasr, H. 1175 Nasr, H. 1175 Nasraoui, B. 4528 Nasreen Sultana 1021, 1107 Nassau, H. G. M. G. van 754 Nassauth, A. 5524 Nastas, L. A. 2638, 6764 Natarajan, M. R. 7032 Natarajan, S. 3526, 5895 Nath, P. S. 1468 Nath, P. S. 1468 Nath, V. 1512, 8079 Natrajan, S. 7641-7643 Natsuaki, K. T. 2707

Natsuaki, T. 247, 4507, 7367 Natsume, B. 1151 Natural, M. P. 2076 Nault, L. R. 789, 5611, 6415 Naumann, K. 661, 5242 Naumov, V. A. 4964 Nautiyal, B. D. 1425 Nautiyal, B. D. 1425 Navarrete-Maya, R. 5572 Navarro, A. R. 8020 Navarro, L. 2672-2673, 3437 Navi, S. S. 1953, 7475 Navneet 4819, 5549 Navot, N. 2241, 4368 Navruzbekov, N. A. 6441 Nawawi, A. 163, 1882 Nayak, B. K. 1850 Nayak, D. K. 4881 Nayak, M. 5653, 7586 Nayak, M. 5653, 7586 Nayak, M. L. 7863-7864 Nayar, M. L. 7863-7864 Nayar, K. 8314 Nayar, S. K. 4807, 7469-7470 Nayer, S. K. 7476 Nayudu, M. V. 3642, 7645 Nazarova, I. P. 2056 Nazarova, L. N. 2591, 4803 Nazim, M. 1064 Ndunguru, G. T. 4613 Neal, B. G. 1000 Neal, L. H. 1789 Nebe, W. 1562 Nebeker, T. E. 985 Nedbálková, B. 5725 Nedělník, J. 5725 Nedov, P. N. 4282, 7843, Neelakandan, N. 3052 Neelam Verma. 4675 Neelima Mittal 7148 Neelima Teotia 1933 Neema, C. 4187 Neena Rewal 6910, 8261 Neeraj 147, 162 Neeta Pande 5400, 7168 Neeta Sharma 2347, 4682 Neeti Rohatgi 2417 Neeti Ronatgi 2417 Nefedova, L. G. 2984 Negi, M. 676 Negishi, H. 1464 Negoro, M. 6000 Negrutskii, S. F. 7281 Neicheva, A. 6221 Neighbour, E. A. 8057 Neil, C. D. 1733 Neilands, J. B. 4187 Neill, J. 7108 Neilidat, A. 5040 Neklesa, N. P. 2580 Nelsen, T. C. 6944 Nelson, B. D. 6069 Nelson, C. L. 223 Nelson, E. B. 3172, 4917 Nelson, G. A. 3522 Nelson, L. R. 4018 Nelson, P. E. 193, 1110, 1929, 3188, 4731, 7186, 7225 Nelson, R. J. 4116 Nelson, R. S. 5038 Nelson, S. C. 881, 4932 Nelson, S. D. 5333 Nelson, S. E. 6607 Nema, A. G. 5829-5830, 7862 Nema, S. 593, 4575 Nemec, S., Jr. 7205 Nemestothy, G. S. 5048 Nene, Y. L. 693, 723, 2379, 6900, 6905, 8252, 8257, 8278-8280, 8284 Nes, A. 4259 Nesme, X. 5944 Nesmith, W. C. 7985 Nester, E. W. 11, 1671-1672, 1674-1675, 4644 Netherlands, Commissie voor Nederlandse Namen van Planteziekten van de Nederlandse Planteziektenkundige Nelson, S. E. 6607 landse Planteziektenkundige Vereniging 659 Netherlands, Informatie en Kennis Centrum voor de Akker- en Tuinbouw 2964

Netherlands, Onderzoek- en Voorlichtingscentrum voor Land- en Tuinbouw, Provincie West-Vlaanderen 6214 Netherlands, Plantenziektenkundige Dienst Wageningen 6148 Netherlands, Proefstation voor de Bloemisterij 2431 Nettevich, É. D. 4835, 6473 Neucere, J. N. 4861 Neuhaus, J. M. 4355 Neuhaus, W. 2588 Neuhäuslová, Z. 752 Neumann, H. 4849 Neury, G. 3034 Nevill, D. 6267 Nevill, D. J. 6274 Nevill, R. J. 2287 Nevo, E. 1318 New, D. 8031 Newall, W. C., Jr. 6649 Newbury, H. J. 6162 Newbury, H. J. 6162 Newcombe, G. 1202, 3278 Newell, A. J. 398 Newell, C. A. 6716 Newhook, F. J. 8032 Newhouse, J. R. 1918 Newman, D. 6480 Newsome, W. H. 7041 Newton, A. C. 1321, 5357-5358 5358 Newton, A. S., Jr. 6825 Newton, G. 1707 Neypes, M. V. 311 Ng, T. 583 Ng, T. J. 3547, 8174 Ngamyeesoon, N. 374 Ngeve, J. M. 1644 Nguyen, K. T. 6558 Nguyen, K. T. 6558 Nguyen-The, C. 6651 Ngwira, N. 5261 Ni, C. F. 1583, 3128 Niaz, M. 1033 Niblett, C. L. 3936 Nicholas, P. R. 4296 Nicholls, P. H. 7500 Nicholls, T. H. 2285 Nichols, L. M. 229 Nichols, P. G. H. 7751-7752 Nicholson, R. L. 319, 1357, 6336 6336 Nicholson, S. L. 3417 Nickell, C. D. 608, 6878 Nickrent, D. L. 5374 Nicolas, D. 958 Nicolas, L. 4093 Nicolas, O. 1912 Nicolay, R. 2975-2976 Nicole, M. 7945 Nie, X. B. 5078 Nieder, G. 4984 Niederer, M. 82, 6306 Niedźwiecki, E. 4461 Nielsen, B. J. 734, 745 Nielsen, M. 906 Nielsen, M. T. 1455, 1460 Nielsen, S. L. 2759 Niemann, G. J. 851, 4174, 6575 Nienhaus, F. 2915, 3553, 4406 Niepold, F. 3009 Niere, J. O. 3768 Niere, J. O. 3768 Niesbach-Klösgen, U. 7390 Niessen, A. I. 422 Nieto, P. L. E. 7932 Nieuwenhuis, J. J. 1937 Nigam, M. 7962 Nigam, N. 2167, 7859 Nigam, P. K. 4164 Nigam, S. N. 2373 Nigeria, Cocoa Research Institute of Nigeria 1 Nikandrow, A. 653, 885 Nikandrow, A. 653, 885 Niki, H. 336 Nikiforova, N. F. 2601 Nikitin, N. V. 5019 Nikitina, A. I. 7934 Nikitina, E. V. 7540 Nikogosyan, D. N. 238

Nikolaeva, O. V. 3499 Nikolayev, O. N. 7192 Nikonorenkov, V. A. 5620, 6501 Nilsson, B. 1541 Nilsson, H. E. 5431 Nilsson, T. 2307-2308 Nipoti, P. 6708 Nira Kumari 4300 Niranjan, R. 164-165 Nirenberg, H. I. 1869, 3882, 7293 Nirmal, D. D. 6082 Nirmala, C. B. 157 Nirmala Kannan 2681, 3317 Nirmalendu Mukerjee 4166 Nirmalendu Mukerjee 4166 Nishi, Y. 6000 Nishida, T. 1682 Nishiguchi, M. 1895, 5489 Nishii, K. 8306 Nishijima, W. 2066, 2077 Nishijima, W. T. 848 Nishimoto, M. 2065 Nishimura, S. 199, 2510, 3306, 3374, 4098-4099, 5388, 6527, 7631, 8025 Nishio, M. 4681 Nishio, M. 4681 Nishio, T. 3049, 4124 Nishiyama, K. 7834 Nissar, Q. 896 Nistelrooy, J. G. M. van 3314 Nistrup Jørgensen, L. 732-734, 745 Nita Mathur 5454 Nitta, N. 7979 Niu, Y. 350 Niwas, S. 2423 Niwata, E. 5197 Nizamuddin 1711, 3754, 3765 Noack, D. 4398 Noda, H. 1915 Noda, T. 341 Noel, M. J. T. 259 Nofal, M. A. 4561 Noll, U. 1947, 5554 Nolt, B. 8317 Nolt, B. L. 5182, 5471, 8319 Nolting, H. G. 5310 Nomura, K. 1932 Nomura, T. 7177 Nonaka, F. 3756, 7152, 7350 Nono-Wondim, R. 6117, 8310 Nono Wondim, R. 6117, 8310 Noon, R. A. 6482 Noordeloos, M. E. 7290 Nizamuddin 1711, 3754, 3765 Noordeloos, M. E. 7290 Norby, E. A. 556 Norby, R. J. 7137 Nordeen, R. 385 Nordeen, R. O. 1692 Nordin, K. 5 Nordmeyer, D. 6274 Norel, A. van 4541 Noreli, A. van 4541 Norelli, J. L. 2459, 2749, 2765, 2768-2769, 3082, 3400, 3405, 4234, 6634 Norman, D. 2071, 2083 Norman, P. M. 5178 Norman, S. M. 6351 Nose, K. 3761-3762 Nose, K. 3761-3762 Notteghem, J. L. 1367, 2032, 6521, 7647 Novák, K. 2358 Novak, L. A. 1876, 6373 Noviello, C. 7708 Novo, S. R. 3776 Novokhatka, V. G. 4808, 7454-7455 7454-7455 Novozhilov, Yu. K. 6985 Nowacka, H. 4258, 5751 Nowell, D. C. 1352 Nozawa, A. 868 Nozawa, K. 3164, 4449, 5953 Nozu, M. 4098-4099 Nozu, Y. 5457 Ntambabazi C. 1943 Nozu, Y. 5457 Ntambabazi, C. 1943 Nugawela, A. 4339 Nuñez, J. J. 5142 Nuriakhmetov, D. F. 7493 Nuritdinova, Kh. V. 7685 Nus, A. 2937 Nus, J. L. 877

Nuss, D. L. 3556, 5391, 5939, 7311, 8058-8059 Nutkins, J. C. 8296 Nutsubidze, N. N. 7306 Nyangena, C. M. S. 6540 Nyasse, B. 6262 Nyfeler, R. 6267 Nygaard, S. L. 1402 Nygren, P. 4457 Nyitrai, Á. 5522 Nylund, J. E. 70, 81, 105, 3812 3612 O Ríordáin, F. 3687-3688 Oak, S. W. 987 Oakly, B. R. 5398 Oates, K. 1954 Oba, S. 4829 Oba, S. 4627 Obando, L. 4521 Obayashi, A. 669 Obenauf, U. 3273 Oberhänsli, T. 5910 Oberwalder, C. 1045 Oberwalder, F. 77, 101, 1742-1743, 1866, 2489, 3809, 5371, 6350, 7096, 7113, 7266, 7284 Obieglo, U. 3327 Obien, A. S. 497 Obien, A. S. 497 Oblisami, G. 66, 145, 3817 O'Brien, A. 1630 O'Brien, L. 1956 O'Brien, P. 3228 O'Brien, R. D. 1629 O'Brien, R. G. 6034 Obst, J. R. 2308 Obuekwe, C. O. 1440 Ocampo, C. A. 4148 Ocampo, J. A. 2501, 4711, 5344 5344 5344
Ochatt, S. J. 905
Ochiai, M. 4959
O'Connell, K. 5474
O'Connell, K. M. 1247
O'Connell, K. P. 5162
O'Connell, R. J. 6861 O'Connell, R. J. 6861 O'Connor, D. 1574 O'Connor, P. A. 7769-7770 Odanaka, Y. 7042 Odenbach, W. 4526 Odham, G. 111 Odiemah, M. 1990 Odigie, E. E. 3495 Odintsova, I. G. 2597, 2603, 4808, 7445, 7466 Odintsova, T. I. 7344 Oerke, E. C. 4044 Oertel, B. 7159 Oertel, C. 846 Oeser, J. 3508 Oesterhelt, G. 6283 Oesterhelt, G. 6283 Offei, S. K. 2730 Ofong, A. U. 2273, 8078 Ogata, T. 4959 Ogata, T. 4959 Ogawa, J. M. 913, 7799 Ogawa, K. 1369 Ogawa, K. 1369 Ogawa, M. 1155, 1185, 5457 Ogawa, T. 825, 2030, 4111, 4113, 5165, 6063, 7634 Ogierman, L. 6217 Ogilvie, K. K. 7176 Ogimi, C. 5087 Ogle, H. J. 890 Ognjanov, V. 7796 Ogoshi, A. 730, 1812, 3593, 8178 Ogundana, S. K. 8120, 8324 8178
Ogundana, S. K. 8120, 8324
Ogunfidodo, A. 2899
Ogunsanya, C. O. 2148
Ogunwolu, E. O. 2884
Ogura, H. 281, 7218, 8165
Oguri, Y. 6278
Oh, B. Y. 441
Oh, C. S. 4770
Oh, D. C. 4747, 6366
Oh, I. S. 4603
Oh. J. H. 1061, 1083 Oh, J. H. 1061, 1083 Oh, K. I. 2487, 4688-4689 Oh, S. S. 2478 Oh, Y. S. 3171 Ohashi, Y. 2228 Ohguchi, T. 4502, 6001, 8152

Ohki, S. T. 1456, 7715, 8297 Ohkubo, H. 462 Ohkubo, H. 462 Ohlendorf, B. 1266 Ohnesorge, F. K. 2476 Ohnishi, K. 5432, 8302 Ohno, T. 5905, 8154 Ohnuma, Y. 5742 Ohr, H. D. 871, 873, 2809 Ohshima, K. 1248, 1896, 7330, 7919 Obshima, M. 2228 7330, 7919
Ohshima, M. 2228
Ohta, A. 668, 4698
Ohta, H. 2659
Ohta, K. 4892
Ohtonen, R. 5958
Ohuchi, A. 341, 2033
Oijen, M. van 1928
Oikawa, K. 5143
Ojha, K. K. 6698
Oka, A. 1673, 1676, 7002
Okabe, A. 612
Okada, K. 2422, 8297
Okada, Y. 1900, 5465, 5905, 7345 7345 Okamatsu, T. 6108 Okamatsu, 1, 1, 1000 Okamoto, D. 2344, 3854 Okamoto, T. 6279 Okasha, A. M. 968 O'Keefe, D. M. 125, 3828, 5330 Okhovat, M. 1366 Okhovati, M. 1366 Okhovatian, H. 1388 Okie, W. R. 1416 Okimura, S. 2070 Okoli, C. A. N. 2244, 5841 Okovat, M. 4011 Oku, H. 1593, 3003, 7177 Okubo, H. 4606 Okubo, H. 4606 Okuda, S. 247, 4507 Okudai, N. 4142 Okuse, I. 3421 Okuyama, K. 338 Okuyama, S. 7077 Oladele, A. D. 8316 Oladiran, A. O. 3651, 4614 Olanya, O. M. 3361-3362 O'Leary, A. L. 397, 6175, 6256 6256
O'Leary, D. J. 397, 6175
O'Leary, M. 7005
Oletnik, A. A. 4865, 5625
Olero, N. E. 1340
Olivares, F. M. 7621
Oliveira, D. A. 6592, 6731
Oliveira, J. R. 5684
Oliveira, J. R. S. de 6125
Oliveira, V. P. 7425
Oliver, B. 5714
Oliver, G. J. A. 6235
Oliver, R. P. 8016
Olivier, I. 902 Oliver, R. P. 8016 Olivier, I. 902 Olivier, J. M. 99, 116, 1089, 5750, 8295 Olory, N. 3803 Olsen, C. C. 5545 Olsen, R. A. 8022 Olson, M. A. 6069 Olszewski, N. E. 5484 Olszowska, G. 1558 Olszyk, D. M. 2812 Oluma, H. O. A. 4614 Om Gupta 8273-8275, 8280 Om Prakash 7831 Omanga, P. 8279 Omanga, P. 8279 Omar, M. O. M. 8300 Omata, K. 1151 Omidiji, O. 1637 Omkar Sharma 2014 Omura, T. 1915, 3923, 4876 Onan, E. 2173 Onan, R. 7876 Onan, R. 7876
Onckelen, H. van 6115, 7013
O'Neal, H. R. 4126
O'Neill, E. G. 7137
O'Neill, K. 7431
O'Neill, R. V. 7137
O'Neill, T. M. 4513
Oniki, M. 7853, 8084 Onions, A. H. S. 1220

Onishchenko, O. F. 7922 Onkar Shad 67 Onkar Singh 3656, 6085 Ono, H. 1819
Ono, K. 7987
Ono, Y. 205, 219, 1877, 4753
Onogur, E. 7876
Onoprienko, V. V. 7203
Onoshko, E. N. 4840, 7522
Ooka, J. J. 2425
Oomen, P. A. 5306
Oosterhuis, D. M. 1379
Opgenorth, D. C. 5714
Ophel, K. 3482, 4296
Ophir, Y. 3337
Opilo, V. L. 833
Opio, A. F. 8237
Oppenheim, A. 3173
Oraevsky, A. A. 238 Ono, H. 1819 Orgenseim, A. 3173 Oraevsky, A. A. 238 Oraon, L. 6852 Ordentlich, A. 2207, 3173 O'Reilly, D. 3943 O'Reilly, P. 305 Orenstein, J. 479 Orenstein, J. 479
Orgambide, G. 7015
Orlikowski, L. B. 5705
Orman, B. E. 3218
Ormrod, D. P. 2914
Oros, G. 2175
Orozco Revuelta, C. 5244 Orozco Revuelta, C. 524 Orr, D. D. 1311 Orr, P. H. 5868 Orse, C. S. 22 Ortega, C. 3437 Orth, A. B. 2346, 3119 Ortiz, I. M. 2942 Ortiz, U. 2210 Orvos D. R. 3087 Orvos, D. R. 3087 Orzeł, S. 4462 Orzhekhovskaya, T. E. 5198, 6916 Osada, S. 4957 Osada K., S. 5378 Osada Kawasoe, S. 5678, 5833 Osada Kawasoe, S. 5678, 583
Osagie, I. J. 1440
Osaki, T. 2396, 7714-7715, 8297, 8321
Osborne, L. S. 3605
Osbourn, A. E. 6488
Oschek, W. 4172
Osler, R. 3436, 7444
Osman, A. R. 1980, 4161
Osman, H. A. 6322
Osman, S. F. 2565
Osman, T. A. M. 3947, 7358
Osmelak, J. A. 6815
Osmeloski, J. F. 5117
Osmer, W. J. 6231 Osmeloski, J. F. 5117 Osmer, W. J. 6231 Osmond, C. B. 647 Osoria, Y. 2942 Osorio, C. J. A. 8322 Osorio, M. 4750 Ossanna, N. 5382 Osswald, W. F. 3056, 5680 Østergård, H. 5597-5598 Ostländer, P. 7435 Ostojic, Z. 6133 Ostrofsky, W. D. 6784 Ostrowska, A. 5721 Ostrowska, A. 5721 Ostry, M. E. 2285, 4419, 4421 O'Sullivan, E. 3592, 7923 Osunlaja, S. O. 1992, 3287, 7554 7554 Ota, T. 6000 Otani, H. 3374, 6030 Otani, M. 4032 Othman, O. 1364 Otín, C. L. 1252 Otrysko, B. E. 2203 Ott, S. 287 Ott, W. 658 Otten, I. 2453, 6200-Otten, L. 2453, 6200-6201 Otto, C. 6968 Otto, F. 4946 Otto, G. 1780 Otto, P. 3134 Ottow, J. C. G. 7649 Ou, Y. X. 4877 Ouazzani, C. 7558

Ouchi, S. 4653 Oudemans, P. 1225, 2808, 5790, 7252 Ouden, H. den 7914 Oudet, P. 3201 Oudet, P. 3201 Ouellette, E. 3498 Ouf, S. A. 1720 Ouf, S. A. E. 2399 Ouimette, D. 5790-5792 Ouimette, D. G. 3118 Ousley, M. A. 2393 Ovadia, S. 2241 Ovchinnikova, A. M. 3002, 8185 Overkamp, A. N. 1205 Overman, A. J. 1707 Overmeer, W. P. J. 5306 Ovsyuk, T. 882 Owen, G. R. 5764, 6632 Owen, M. L. 5848 Owens, R. A. 4369, 4757, 5052, 7389, 8000 Owsjuk, T. 882 Oxelfelt, P. 7537 Oxley, S. J. P. 6830 Oya, T. 4597 Oyarzun, P. 3620 Oyarzun, P. 3620 Ozaki, K. 5979 Ozeretskovskaya, O. L. 5871 Pace, C. de 7444 Pacha, R. 7340 Paci, M. 2040 Paci, M. 2040
Pacioni, G. 683
Packham, J. M. 8055
Packman, L. C. 8296
Pacovsky, R. S. 3818
Pacumbaba, R. P. 4551, 6058
Padaganur, G. M. 362, 5692
Padgett, M. 2843
Padgham, D. E. 6885
Padma, T. M. R. 135
Padmaja, G. 3838
Padmaja, G. 3838 Padmakumary, G. 5801 Padmanaban, P. 487, 1449, 4343, 5900-5901 Padmanabhan, D. 3526, 5895 Padmavathi, T. 1768 Paduch-Cichal, E. 854 Paduch-Cichal, E. 854
Paffrath, D. 4395
Pagani, G. 1714
Påhlsson, A. M. B. 531
Pai, C. K. 765
Paik, S. B. 1828, 3171, 3855
Paine, T. D. 871
Pais, M. S. 179
Pak H. A. 2840 Pak, H. A. 2840 Pal, A. 4881 Pal, A. B. 1594, 6033, 6857 Pal, B. P. 1619 Pal, M. 8272, 8284 Pal, S. S. 6499, 8254 Palakarcheva, M. 5036, 5047, 7981 Palakarcheva, M. T. 5049 Palakartcheva, M. T. 5049 Palakartcheva, M. G. 3485 Palanisamy, D. 3817 Palarpawar, M. Y. 5844, 5849, 7883, 7892-7893, 7897 Palaveršić, B. 2642 Palazon Español, C. 5207 Palazón Español, I. 6627 Palenkova, S. I. 7172 Palilova, A. N. 291, 5557, 5560 Palla, L. 3552
Pallás, V. 1261
Palleroni, N. J. 3111
Palloix, A. 2412, 3041, 3044, 8310 8310 Pallutt, B. 5242 Palm, C. J. 19 Palma, S. 4155 Palmer, J. M. 4553 Palmer, M. A. 4466, 5101, 5952 Paludan, N. 379, 1382, 5458 Palukaitis, P. 849, 3211, 3534, 7388 Palva, E. T. 6207

Pan, N. S. 4877 Pan, Q. H. 4095 Pan, S. 1639, 1643, 1709 Pan, S. Q. 3530 Pan, X. P. 7508 Panaccione, D. G. 7193 Panagopoulos, C. 3952 Panattoni, A. 3629 Pancaldi, D. 284, 3254 Panciera, M. 412 Panconesi, A. 2297 Panda, S. 4894 Pande, A. 7711 Pande, N. 5400, 7168 Pande, S. 7569 Pande, S. K. 5400, 7168 Pandey, B. K. 6097 Pandey, B. N. 1875 Pandey, D. K. 759 Pandey, G. 4576 Pandey, H. 5400, 7168 Pandey, H. 5400, 7168 Pandey, J. C. 7972, 8155 Pandey, K. N. 5640 Pandey, L. 460 Pandey, M. 8293 Pandey, M. K. 2356 Pandey, M. P. 1621 Pandey, M. P. 1621 Pandey, P. C. 1529, 2929 Pandey, R. R. 6, 4979 Pandey, V. B. 6907 Pandey, V. N. 264 Pandian, S. K. 7692 Pandey, Pandey, S. 7692 Pandurangegowda, K. T. Pandurangegowda, K. T. 1998, Sol Pandya, B. P. 6097
Pankow, W. 71, 82, 6306
Panneerselvam, N. 1317, 3742
Panopoulos, N. J. 3626
Panozzo, J. F. 1956
Pansegrau, W. 5256
Pant, D. C. 8262
Pant, S. K. 5643
Panteleev, V. K. 5537
Panwar, M. S. 6088, 8271
Panzer, S. 7456
Papavizas, G. C. 641, 2362, 5210, 6729, 7304
Paplauskene, V. 406
Paplomatas, E. J. 5806
Pappas, A. 3952
Paramasiyam, K. 4556 Paramasivam, K. 4556 Paramjit Singh 4810 Parashar, R. D. 3004, 6044, 7936 Parbery, D. G. 5885, 5942 Parbery, I. H. 5424 Pareja, M. 6138 Parejarearn, A. 7591 Parent, S. 7149 Parente, A. 248 Pares, R. D. 1099, 2107 Parfenyuk, A. I. 2560 Parida, T. 5653 Parish, C. L. 3390 Parisi, L. 5750 Parist, L. 5750
Parisot, D. 197
Park, C. S. 470
Park, E. K. 2230, 2238
Park, H. J. 7896 Park, H. J. 7896
Park, H. J. 7896
Park, H. K. 6120
Park, I. S. 441
Park, J. C. 7021
Park, J. E. 824
Park, J. S. 4603
Park, K. H. 5396-5397
Park, K. J. 2804, 7816
Park, M. S. 2487
Park, P. 8025
Park, P. 5072
Park, S. K. 3801
Park, W. S. 4688-4689
Park, Y. K. 4999
Park, Y. S. 428, 441
Parkash, V. 4281, 8170
Parke, J. L. 597, 1881, 3621, 5848 Parke, R. V. 1519 Parker, D. M. 3794, 4952, 6625

Parker, G. B. 621 Parker, M. A. 4779, 6142 Parker, M. L. 8181 Parkes, S. L. 639, 3609 Parkhomenko, N. I. 7377 Parkinson, D. 1190, 1557, 1784, 3902 Parkinson, J. A. 6808 Parkinson, S. M. 198 Parks, C. R. 7707 Parks, T. D. 7339 Parlevliet, J. E. 1319, 2029, 4789 Parmelee, J. A. 3185 Parnemann, H. 4588, 5310 Paromita Mukerjee 2028 Parra, R. 2335 Parra, R. 2335 Parrado, J. L. 1422 Parrini, C. 2297 Parroda, R. 5032 Parry, D. W. 1308 Parry, R. 5985 Partel, L. 7911 Partel, L. 7911
Partha Banerjee 7235
Partiot, M. 266
Paruthi, I. J. 1941
Parvatikar, S. R. 2008
Pascoe, I. G. 3887-3888
Pasha, M. J. 582
Pasha, M. M. 7599
Pasini, C. 6585
Pasquini, M. 1280
Passeri, S. 5907 Passeri, S. 5907 Passi, S. 1800 Passo, J. E. do 4155 Pasternak, G. M. 2941 Pasternak, P. S. 5099 Pataky, J. K. 324, 3289, 4072, Patel, A. J. 7870-7871 Patel, B. S. 631 Patel, C. C. 4340 Patel, D. B. 4992 Patel, D. J. 4340 Patel, D. J. 4340
Patel, G. S. 6675, 6684
Patel, H. R. 4340
Patel, K. K. 7870-7871, 7986
Patel, M. H. 7886
Patel, R. B. 6675, 6684
Patel, V. A. 3018-3020, 6055, 8273-8275 8273-8275
Paterson, E. S. 1138
Paterson, I. S. 6808
Paterson, R. R. M. 1817, 5453
Pathak, A. K. 6095
Pathak, N. C. 2104
Pathak, S. 2356
Pathak, V. N. 4077, 4990-4991, 5797, 5824, 6110, 6680, 7581 Pathirana, R. 1080 Patil, A. S. 5030 Patil, B. G. 1361, 1365 Patil, F. S. 6082 Patil, K. D. 3492 Patil, M. A. 6705 Patil, M. S. 6361-6362, 7869 Patil, N. K. 362 Patil, P. V. 618-619, 8223 Patil, P. V. 618-619, 8223
Patil, S. G. 4285
Patil, S. G. 4285
Patil, S. S. 6869
Patil, V. P. 290, 4285
Patrick, K. N. 2932
Patrick, S. K. 1965
Patrignani, G. 3843
Patrikeeva, M. V. 2860, 4781
Patten, K. 7808
Patterson, C. L. 2996, 3029, 4377, 6029, 7562
Patterson, M. F. 7431
Pattison, A. B. 774
Patton, R. F. 5080, 8077
Pattrasudhi, R. 4873
Pauer, G. D. 838 Pauer, G. D. 838 Pauer, G. P. 837 Paul, H. L. 1891 Paul, N. D. 651, 1646, 6945, 6977 Paul, V. H. 4190, 4192 Paul, Y. S. 3000, 3187, 7239-7240

Paula, M. A. 167, 3820, 5348 Paulech, C. 4843 Paulin, J. P. 894, 905, 2717, 2751, 2754, 2767, 3092, 3101, 3344, 3346, 3377, 3379-3380, 3402, 3404, 3424, 3426-3427, 3429, 3725, 4213, 4215, 4232, 4242, 4246 3725, 4213, 4215, 4232, 4242, 4246
Paulitz, T. C. 6359, 7760
Pauls, K. P. 7757
Paulus, A. O. 1435, 7814
Paulus, F. 6200
Paulus, W. 5316
Pauly, M. H. 324
Paunosié S. 2744, 3435 Paunović, S. 2744, 3435 Pauwels, F. 3962 Pauzé, F. J. 1475 Pava, O. V. de 4726 Pavek, J. J. 2872 Pavlov, P. 2579 Pavlova, G. 7683 Pavlovič, M. 1152 Pawar, A. B. 6361-6362 Pawar, A. D. 6285 Pawar, C. S. 664 Pawar, D. R. 1860 Pawar, S. E. 148 Pawirosoemardjo, S. 1934, 2220, 2568-2569, 3974, 7423, 7949 7423, 7949
Pawliczuk, Z. 5704-5705
Pawsey, R. G. 1550, 5059
Payak, M. M. 1338, 6374
Payen, D. 4213
Payer, H. D. 2954, 3055
Payne, A. M. 1725
Payne, G. A. 1816
Payne, P. A. 2324
Pazour, G. J. 5254
Peaden, R. N. 413
Pearce M. H. 1510, 7086 Pearce, M. H. 1510, 7086 Pearce, R. B. 1756, 2273, 4391, 5060, 8078 Pearson, C. A. S. 1929 Pearson, D. L. 1359 Pearson, J. 2519 Pearson, J. N. 5347 Pearson, M. N. 5713 Pearson, R. C. 2160, 2825, 4287 Pebendy, J. F. 7303 Peberdy, J. F. 4028, 7200 Pecchia, S. 3835, 3869 Pechak, D. 2271 Peck, B. 5129 Peck, B. 5129
Pecknold, P. C. 7769
Pedersen, C. T. 7149
Pedersen, J. F. 2112
Pedersen, W. L. 4062
Pedras, C. 3597
Pedras, M. S. C. 6346, 8142
Pedregosa, A. M. 5380
Peer, R. van 850
Pegg, G. F. 2144, 2245-2246
Pegg, K. G. 2149, 3461, 3904, 4266, 6266
Pei, M. H. 1550
Pei, Y. 5685
Peixoto, T. C. 1048 Peixoto, T. C. 1 Peláez, I. 2942 Pell, E. J. 3368 1048 Pellegrini, M. G. 4331, 7397, 8009 Pellegrini, S. 3843 Pelletier, J. R. 2211 Pelosi, R. R. 4134 Pelt, J. A. van 4019 Pelt-Heerschap, H. van 588 Peltonen, J. 6465 Peltonen, P. 1294 Peltonen-Sainio, P. 4052, 6465 Pelz, H. J. 5231 Pemberton, C. M. 1195 Peña, J. E. 4140 Peña, L. 1469, 6118 Peña, M. 5289 Peña, M. de 4147 Pena-Rodriguez, L. M. 2724 Peñalver, N. 6746, 6758 Pencic, V. 2648

Penčić, V. O. 5622 Peng, B. Z. 329 Peng, G. 6664 Peng, X. X. 7380 Peng, Y. L. 2659 Pennazio, S. 1452, 6059, 6903 Penningsfeld, F. 3146 Pennock-Vos, I. 2694 Pennock-Vos, M. G. 6595 Pennucci, A. 2110 Pennypacker, B. W. 3365, Pennypacker, S. P. 750, 7719 Penswick, J. R. 7336 Penuela, R. 7921 Pepin, H. S. 6662 Pepin, R. 6272 Pepper, W. D. 1548 Pera, J. 5339 Peralta, A. M. 6735 Perane, R. R. 5629 Perdomo González, L. 1641 Perea, C. 292 Perea, C. 292
Pereda de Paz, J. L. 2530
Peredo, H. L. 1504, 8086
Peregrine, W. T. H. 1423
Pereira, J. C. R. 4338
Pereira, W. S. P. 6736
Perello, A. E. 7895
Perepolitsa, É. D. 7843, 7846
Perepnikhatka, V. I. 3110
Peres I. R. R. 3799 Peres, J. R. R. 3799 Peressini, S. 1989 Peretto, R. 5356 Peretyat'ko, V. G. 5974 Pérez, M. C. 7160 Pérez, N. 2025 Pérez, P. 1533, 2942 Pérez, Y. 1739, 6332, 7139 Perez de San Roman, C. 2194 Pérez de Sevilla, P. 1143 Perez-Garcia, R. 7551 Pérez Hernández, R. 1641, 7184 Pérez Moreno, L. 6926 Pérez Peñaranda, H. C. 973 Pérez Peñaranda, H. C. 973 Periera, J. L. 3972 Perkowski, J. 1303, 3277, 4029 Perlin, M. H. 1809, 1884, 5369 5369
Pernice, I. 277
Perombelon, M. 6712
Perombelon, M. C. M. 4651
Peroni, D. 5951
Perotto, S. 5356, 6323
Perret, P. 1432
Perrin, R. 83-84, 550
Perring, T. M. 579, 1040
Perrotta, G. 343
Perry, D. A. 1159 Perry, D. A. 1159 Perry, R. 3537 Persad, C. 269 Pershina, G. F. 2985 Persiel, F. 3333 Persley, D. M. 4584, 4599 Persmark, M. 1691, 4187 Peru, International Potato Centre 6714 Perumalla, C. J. 6863 Perwez, M. S. 394 Pesci, P. 7060 Peshney, N. L. 8308 Pesic-van Esbroeck, Z. 2729 Pesis, E. 2677, 5811, 6694 Pesti, M. 3048 Pesticide Science 5289 Peterka, H. 3281 Peters, D. 2722, 3215, 5468, 6118, 7364, 7369, 7379 Peters, M. 1769 Peters, W. 4395 Peters, W. 4395 Peterschmitt, M. 1263, 4862 Petersen, F. P. 228, 6460 Petersen, M. A. 3655 Peterson, C. A. 911 Peterson, G. L. 3686, 5677 Peterson, J. F. 2120, 2193 Peterson, R. A. 2061 Peterson, R. E. 1821 Peterson, R. L. 177, 1008, 4695, 5346, 7097

Peterson, S. W. 6372 Petrenko, V. V. 4756 Petrie, G. A. 1032, 2333 Petrini, O. 1498, 4191, 5086 Petrov, C. 3051 Petrov, Kh. 3051 Petrovici, P. 7877 Petrunak, D. M. 5866 Petrunak, D. M. 5866 Petruschke, M. 2131 Petter, L. 449 Pettersson, B. 2307 Pettit, R. E. 622, 3648 Pettitt, A. N. 4202 Pettitt, T. R. 2144, 6433 Petty, I. T. D. 314, 2235 Petzold, R. 1134 Petzoldt, S. 4993 Peulon, V. 8076 Peumans, W. J. 2595 Peusha, Kh. O. 5559 Pezet, R. 689 Pfaff, T. 919 Pfeffer, H. 4931 Pfender, W. F. 2615, 327 Pfender, W. F. 2615, 3270, Pfenninger, I. 6806 Pfirrmann, T. 2951, 3055 Pfister, G. 6248 Pflanzenschutz 3737, 4659 Pflanzenschutz 3737, 4659 Pflaumbaum, J. 7456 Pfleger, F. L. 3335 Phae, C. G. 5403 Phaff, H. J. 2095 Phally, T. 2412 Pham-Delegue, M. H. 7873 Phatak, S. C. 2997, 5933 Phelps, K. 5452, 6112 Philemon F. 7289 Prielps, K. 5452, 6112 Philemon, E. 7289 Philemon, E. C. 1611 Philipp, W. D. 1045 Philippon, J. P. 7873 Philippon, M. N. 2116 Phillippe, L. M. 1727, 5731, 6045 Phillippe, R. C. 6045 Phillips, A. J. L. 5506, 6051, 6864
Phillips, D. V. 4500, 6388
Phillips, J. C. 8280
Phillips, S. 6588
Phillips, W. 274
Phipps, P. M. 1074, 4554
Phookan, A. K. 2651
Phua, P. K. 2574, 2576
Phukan, S. N. 1446, 5875, 7166, 7926
Phytopathological Society Phytopathological Society of Ísrael 6159 Israel 6159
Phytopathological Society of
Japan 3694, 6957-6962
Phytopathology 3072
Picardo, M. 1800
Picatto, C. 5321
Piccialli, G. 3109
Piccirillo, P. 2817
Piccirilo, J. R. 6125
Piché, Y. 72, 107, 176, 2495
Pickens, J. B. 5943
Pickering, B. 3786
Pickering, B. A. 6237 Pickering, B. 3786 Pickering, B. A. 6237 Pickford, R. J. J. 6843 Piechocki, M. 4506 Piening, L. J. 1311 Pier, P. A. 1554, 6812 Pierce, L. 25 Pierpoint, W. S. 7978 Pietr, S. J. 2349 Pietrak, J. 5887 Pifferitti M. 5298 Pietrak, J. 5887 Pifferitti, M. 5298 Pijut, P. M. 537, 983, 8061 Pīka, M. A. 5009 Pika, N. A. 7922 Pike, A. W. 2831 Pike, D. J. 2519 Pīkulīk, M. I. 1015 Pikulik, N. I. 2298 Pilgeram A. I. 3156 Pilgeram, A. L. 3156 Pilipauskas, D. 5289 Pillai, G. R. 5845 Pillai, M. D. 4313 Pillai, P. N. R. 3524

Pillayarsamy, K. 8207 Filiayatsathy, R. 8207 Pilotti, Å. 5165 Pils, A. L. 3836 Pimenova, V. V. 5372, 7430 Pimentel, R. B. 445 Pinck, L. 241, 3939, 5487, Pinck, M. 3939, 5487, 6690 Pineda, B. 5471 Pineda, L. B. 8317 Pink, D. A. C. 2978, 5452 Pinkerton, B. W. 2113 Pinkerton, B. W. 2113 Pinnow, D. 6006 Pinnow, D. L. 1068 Pinno, J. 8076 Pinto, F. 5380 Pfnzariu, D. 7877 Piollat, M. T. 4817 Piotrowicz, L. 4212 Pirhonen, M. 6207 Piron, P. G. M. 3502, 5008, 7014 7914
Pirone, T. P. 5456, 7308, 7338
Pirozynski, K. A. 1782
Piruzyan, E. S. 7004
Pisan, B. 7336
Pisarenko, E. K. 7934
Pisi, A. 2709, 3338, 4171
Pitelka, L. F. 1490
Pitre, H. N. 1602
Pitt, D. 2471, 2710, 6832
Pitt, J. I. 1220, 5427, 6893, 7292
Pivoyarov, V. F. 5146 7292 Pivovarov, V. F. 5146 Plant Protection Bulletin 3696 Plapp, R. 929 Plaskitt, K. A. 3919 Plassard, C. 97 Platt, H. W. 1274, 4322, 4324 Plattner, R. D. 196, 1303, Platz, G. J. 1975, 7521 Pleij, K. 5187 Plenchette, C. 5352 Plessis, D. H. du 1254 Plessis, D. H. du 1254 Plessis, H. J. du 908 Plessis, J. 1025 Ploetz, R. C. 442, 1422, 3459, 3461, 3463, 3470, 4379 Ploper, L. D. 6067 Plorin, R. 3221 Plotnikova, Yu. M. 7608 Plowman, T. C. 3488 Plumb, R. T. 239, 6380, 7513 Plumbley, R. A. 4267-4268, 4276 Pluschkell, H. J. 3508 Pluzhnikova, L. E. 6014 Plyusnina, R. A. 2992-2993 Pochard, E. 2412, 3039, 3041, 3044, 8310 3044, 8310
Podelleck, R. 5012, 5865
Podgayets'kif, A. A. 5009
Podile, A. R. 3732, 5402
Podkina, D. V. 8214
Podkuichenko, G. V. 5831
Podleckis, E. V. 2135
Poelwijk, F. van 7369
Poetter, K. 4647
Pogoda, L. P. 6012
Pogue, G. P. 7357
Pohleven, F. 98
Pohronezny, K. 511, 6814 Pohronezny, K. 511, 6814 Poi, A. K. 1436 Poitou, N. 99, 116 Pokhiton, S. V. 5974 Pokojska, A. 88
Pokorný, J. 6344
Pokorný, R. 7754
Polajiwar, B. B. 6082
Polak, A. 5289
Polák, J. 3432
Polák, Z. 2923
Polesny, F. 4947
Polgar, L. 5306
Polichronow, W. 3388
Polignano, G. B. 3634
Polisetty, R. 3022
Polizzi, G. 6822, 6939
Poll, J. T. K. 5200
Pollard, L. W. 23 Pokojska, A. 88

Pollastro, S. 5716, 7069 Pollini, C. P. 2793, 3589 Polonskaya, D. E. 5591 Polston, J. E. 1040 Polverari, A. 3489, 5511, 7374 Polycarpou, D. 1373 Polycarpol., D. 13/3
Poma Treccani, C. 6637
Pomela, L. M. 3296
Pomikalko, A. 1769
Pommer, E. H. 5300
Pomp, H. 5464
Ponce G., F. 5614
Poncet, C. 366
Pond, E. 5327
Ponge, J. F. 3813
Pont, V. 689
Ponti, I. 2533, 3545
Poole, N. 6984
Poole, N. J. 6165
Poole, R. T. 847, 2084, 7710
Pooley, L. 7017
Poonam Dhawan 6938
Poot, G. 7282
Popay, A. I. 3058
Pope, B. 1539
Pope, D. D. 6477
Pope, L. R. 3394
Popescu, F. 4909 Poma Treccani, C. 6637 Pope, L. R. 3394 Popescu, F. 4909 Popova, I. V. 648 Popp, M. P. 6804 Populer, C. 4205 Popusha L. S. 426 Porat, U. 2152 Porceddu, E. 7444 Popras L. 6481 Porreadu, E. 7444 Porras, L. 6481 Porras, V. H. 727 Porreye, W. 2752, 3414, 4244 Porta, C. 707 Porta-Puglia, A. 3026 Porteous, A. 4643 Porter, A. J. R. 8150 Porter, D. 8332 Porter, D. 8332 Porter, D. M. 623, 4554 Porth, A. 2470 Portillo, M. M. 4122 Portner, J. 4020 Poskitt, J. 7232 Posler, G. L. 5724 Pospieszny, H. 603 Postman, J. D. 6652 Poswal, M. A. T. 5841 Potdukhe, S. R. 5399 Potter, D. A. 2927, 6020 Potter, J. W. 5769 Potter, L. R. 4192 Pouéant, M. L. 1459 Pouéant, M. L. 1459 Poul, F. 2555, 5472 Poul, F. 2555, 5472
Poulain, C. 102
Pouleur, S. 5728
Poullis, C. A. 8168
Poupard, P. 5543
Pourabdollah, S. 1426
Pourmohseni, H. 1320
Powell, A. 4638
Powell, B. S. 2451
Powell, C. A. 711, 3200, 4220
Powell, C. C. 2695, 7294, 7694
Powell, C. C. Ir 1389 7694
Powell, C. C., Jr. 1389
Powell, K. 6354
Powell, K. A. 6170, 6983
Powell, M. J. 598
Powell, N. T. 5912
Powell, P. A. 6408
Powell, W. A. 1824
Powelson, M. L. 2216, 3520
Powelson, R. L. 1301
Power A. G. 6486-6487 Powelson, R. L. 1301 Power, A. G. 6486-6487 Powers, H. R. 1548 Powers, K. A. 2776 Pozdnyakov, V. A. 7748 Prabhakar Ahukla 8280 Prade, K. 1300, 7649 Pradhan, B. K. 8244 Prakasam, V. 4996, 7854 Prakash, C. S. 1517 Prakash, H. S. 328, 3968, 7579 Prakash, O. 7831 Pramila Sharma 164-165

Prasad, B. K. 4382, 5642, 5823, 7856-7857, 8149 Prasad, G. S. 5402 Prasad, J. 6908 Prasad, K. G. 540 Prasad, M. 6213, 6783, 6913, 8019 Prasad, M. M. 4300, 6031 Prasad, M. R. 8277 Prasad, M. S. 2171 Prasad, M. N. 7625, 7646 Prasad, N. V. K. 4303 Prasad, P. R. K. 485 Prasad, R. K. 5998 Prasad, R. K. 5998 Prasad, S. 6722, 6773 Prasad, S. M. 7835 Prasad, T. 2059, 6003 Prasad, V. 6081 Prasad, V. S. 3642 Prasad, Y. 5164 Prashar, M. 7476 Prášil, K. 3884 Pratella, G. C. 6636, 6823 Prathuagwong, S. 616, 10 Prathuangwong, S. 616, 1066 Pratt, P. 2910 Pratt, P. W. 1656 Pratt, R. G. 1399, 2732 Predieri, S. 7779 Preece, T. F. 1873 Preece, T. F. 1873
Preetima Rathore, 688
Pregnolato, M. 1714
Prell, H. H. 6121
Premdas, P. D. 3790
Premkumar, R. 3528
Premlata Singh 4520
Prendiville, M. 3687
Presser, R. W. 3284
Prestidge, R. A. 6602
Preston, D. A. 5868
Preston, S. R. 7933
Pretorius, A. J. 6511 Pretorius, A. J. 6511 Pretorius, Z. A. 293, 1288-1289, 2616, 3258, 4008, 6456 Pretzsch, H. 2938, 2946 Pretzsch, H. 2938, 2 Price, A. 1329 Price, J. 6814 Price, T. V. 3654 Priehradný, S. 4843 Priest, M. J. 7273 Priestley, R. 5247 Prieto, A. 6378 Priew, H. 5284 Prikhod'ko, L. F. 55 Priew, H. 3284 Prikhod'ko, L. F. 5556 Přikryl, Z. 1760, 1778, 1781 Prill, B. 5485 Prillinger, H. 5420-5421 Prillwitz, H. 4585 Prillwitz, H. G. 735 Primavesi, L. 7005 Prins, L. 7366 Prins, L. 7366
Prinsen, E. 6115, 7013
Prinsley, R. T. 3
Prinsley, R. T. 3
Prinsloo, G. C. 6934
Prior, P. 1481, 5931
Pristupa, G. K. 5099
Pritam Singh 5112
Procházková, Z. 2923
Prodhan, H. S. 1351
Proeseler, G. 2543, 4038, 4845, 5242
Proffer, T. J. 8041
Prokinová, E. 2089
Proll, E. 2971, 4761, 6104
Pröls, M. 3912, 3933
Proskuryakova, G. I. 3006 Proskuryakova, G. I. 3006 Prostakov, N. S. 7057 Proudlove, W. 7758 Provvidenti, R. 967, 1038, 2988 Prud'Homme, A. M. 459 Prüfer, D. 7355 Prunier, M. 3984 Prunier, M. 3984
Prusinkiewicz, E. 4619-4620
Prusky, D. 4267-4268
Prusti, R. K. 1671
Pruvost, O. 2821
Przezbórski, A. 979, 1536
Psallidas, P. 2782, 3952
Psallidas, P. G. 3385
Psallidas, P. G. 3385 Psomas, J. E. 1059

Pu, F. H. 4601 Pu, Z. 4031 Pu, Z. Q. 4601, 8197 Publicover, D. A. 4699 Pucci, P. 2040 Publicover, D. A. 4699
Pucci, P. 2040
Puchalski, B. J. 1291
Puchta, H. 2896
Pueppke, S. G. 1957
Puigdomènech, P. 6503
Pukhal'skii, V. A. 6473
Punam Kumari 7556
Pundarikakshudu, R. 353
Punithalingam, E. 3631, 5414
Punj, V. 150
Punja, Z. K. 5141
Puppi, G. 683
Purcifull, D. E. 3369-3370
Purdik, N. P. 2649, 4863
Purdy, L. H. 5519, 7963, 7966
Purivirojkul, W. 4874
Purkayastha, R. P. 1119, 2369, 3014, 3114, 4109, 6290 6290 Purnima Sinha 4378
Purwantara, A. 1934, 25682569, 3974, 7423-7424
Pusey, P. L. 7792
Pushina, M. Ya. 3740
Putnam, A. 8304
Putnam, M. L. 2201
Putta, M. 7591
Putten, W. H. van der 654
Puurand, Ü. 1914
Pyare Mohan 5029
Pyeatt, L. 4173
Pykhtina, T. K. 7478
Pyzhikova, G. V. 1296, 2591, 2614 Purnima Sinha 4378 2614 Z614 Qaid, M. S. N. 4157 Qhobela, M. 1352, 1359 Qi, L. X. 1014 Qi, N. 5171 Qi, Y. G. 6060 Qi, Z. T. 6369 Qian, P. 3176 Qian, Z. G. 448 Qian, Z. G. 446 Qing, G. F. 992 Qiu, X. 5685 Qiu, X. Q. 4265 Qiu, Z. E. 4095 Qu, R. 4875 Qu, R. 4875 Qu, S. M. 7380 Qu, T. 5078 Qu, Z. L. 7815 Quadir, M. A. 4606 Quadt, A. 5937 Quadt, R. 2551, 5046 Quaiser Ahmad 4998, 6086 Quamme, H. A. 430 Quarterly Newsletter - Asia and Pacific Plant Protection Commission 1926, 6817 Que, G. S. 5661 Quebec Society for the Protection of Plants. 1661 Quednau, H. D. 5115 Quelen, F. de 3594 Quemada, H. 3940 Qui, D. X. 2304 Quijano-Rico, M. 6546 Quillet, L. 7390 Quimby, P. C., Jr. 650, 3685, 5224, 5237 Quimio, T. H. 332 Quintero Montelongo, S. 6113 Quisenberry, S. S. 4197, 6609, 7618 7618
Ra, C. K. 4882
Ra, D. S. 818
Raabe, R. D. 2265, 4173
Rabatin, S. C. 6175, 6256
Rabe, J. R. 3270
Rabenstein, F. 5969
Rabie, C. J. 4731, 6511
Rabindran, R. 5827-5828, 7865, 8207
Rabingrich, S. V. 5537 Rabinovitch, S. V. 5537 Rabinowitch, H. 4368 Rabinowitch, H. D. 4591 Raccah, B. 5446, 5456 Rachel, E. K. 1181

Rachman, N. J. 7045 Racke, K. D. 1701 Racok, J. S. 2420-2421 Radom, J. S. 2420-2421 Radamaker, G. K. 3520 Radcliffe, E. B. 3501 Radewald, J. D. 871 Radhakrishnan, S. 3316 Radice, M. 7060 Radtke, W. 735, 937, 947, 2880 2880 Radwan, A. 4591 Radwan, I. A. 3035 Rady, M. S. 1064 Radziah, N. Z. 5027, 7946 Raffat, F. M. 6853-6854 Raffel, S. J. 7985 Ragab, M. M. 1980, 2058, 3016-3017 3016-3017 Ragazzi, A. 3560, 7824 Raghavaiah, G. 6667 Raghavan, G. S. V. 3498 Raghu, K. 7071 Raghuram, M. 5690 Raghuveer Polisetty 3022 Raghuveer Polisetty 3022
Ragsdale, D. W. 3501
Ragsdale, N. N. 6255
Ragueh, F. 501
Rahayu, G. 5424
Rahe, J. E. 1044, 6053
Rahim, M. A. A. 6149
Rahimian, H. 1388, 1525
Rahman, F. 409
Rahman, M. A. 2219
Rahme, L. G. 3626
Rai, A. N. 221, 1842, 3881
Rai, B. 339, 480, 2167, 7859
Rai, K. K. 6722, 6773
Rai, K. N. 1360
Rai, P. V. 3833, 4342, 4710
Rai, R. C. 7487
Rai, R. P. 142
Rai, S. 5413 Rai, R. P. 142
Rai, S. 5413
Raid, R. N. 1088, 2221, 4508, 4586-4587, 6518, 7967
Raina, G. L. 1370
Rainey, P. B. 8296
Raitviir, A. 560
Raizada, R. K. 6577
Raj, M. K. 581
Raj, R. B. 2005, 2646, 4860
Raj, S. 7690
Raj, S. K. 1615-1616
Raj, T. R. N. 217, 1222
Raj Kumar 7972, 8155
Raja, K. T. S. 7826
Rajagopal, D. 152
Rajagopal, V. 3491-3492, 7899
Rajamony, L. 1039
Rajan, P. 2183, 3483
Rajapakse, R. H. S. 8236
Rajasekaran, R. 4556
Rajasekaran, S. 3526, 5895 Rai, S. 5413 Rajasekaran, S. 3526, 5895 Rajasekhar, A. 6257 Rajasekharaiah, S. 6498 Rajashekaraiah, S. 4856 Rajeeva Gaur 460 Rajendra Singh 2334, 5996 Rajesh Dwivedi 1724, 5297 Rajeshwari, R. 1610 Rajkumar 86 Rajnchapel-Messaï, J. 6166 Rajnchapel-Messař, J. 6166 Raju, A. K. 4910 Raju, S. G. 1078 Raju, T. N. 2379, 8278-8279 Rajukannu, K. 5828 Raka Khanna 7449 Rakow, G. F. W. 2333 Rall, A. 4393 Rall, A. 4393 Ralph, W. 6597 Ram, A. 3972 Ram, B. 294, 760, 7463 Ram, D. 3027 Ram, T. 4869, 7588 Ram, V. 8074 Ram Kishun 3024, 6899, 7419, 8027, 8158, 8250 Ram Lakhan 5296, 5302 Ram Nath 6699, 7089, 8212 Ram Singh 2027 Ramabadran, R. 7613, 7627

Ramachandran, N. 5518, 7891 Ramachandran, T. K. 4314 Ramadan, E. M. 1177 Ramados, S. 8246 Ramadoss, N. 7903 Ramadoss, S. 2377, 8248 Ramaiah, P. K. 3316 Ramakrishna, N. 4563 Raman T. 5818, 5822 Raman, T. 5818, 5822 Ramanathan, N. 5814 Ramanjulu, V. 7666-7667 Ramanujam, K. 7613 Ramapandu, S. 1437 Ramarao, P. 869-8270 Ramaswamy, G. R. 5794 Rambow, M. 3266 Ramesh Bhat 466 Ramesh Chand 3024, 8027, Ramesh Lal 633 Ramesn Lai 633 Ramey, W. D. 3519, 5946 Ramgraber, L. 3247 Ramini, F. 4661 Ramírez, C. 272, 6554 Ramirez, M. E. 3568 Ramirez de Guglielmone, A. E. 7738
Ramírez Legarreta, M. R. 5243, 5509, 5762
Ramji Lal 4356, 5034, 7961 Ramji Lal 4356, 5034, 79 Ramm, K. 2896 Ramming, D. W. 1429 Ramos, J. L. 1422 Ramos, L. J. 4275 Ramos, R. S. 6731, 6779 Ramsdell, D. C. 2799 Ramsedt, M. 100 Rana, B. S. 7972 Rana, J. P. S. 161 Rana, R. 974 Ranalli, P. 2190 Rand, R. E. 597 Randazzo, G. 7, 2711, 81 Randazzo, G. 7, 2711, 8116 Randhawa, A. S. 7491 Randhawa, H. S. 796, 807, 4160 Randhawa, Z. I. 5497 Randles, J. W. 5006, 5854, 6855 Rane, K. K. 5710 Rane, K. K. 5710 Ranga Rao, G. V. 6885 Ranganathaiah, K. G. 7567 Ranganathaian, T. B. 817, 7643 Rangappa, M. 8196 Rangasamy, S. R. S. 7300 Rangaswami, G. 3707 Rangaswami, G. 3707 Rangaswamy, K. T. 8256 Ranger, J. 6315 Rangil Singh 688 Rani, D. B. R. 7024, 7026 Rani, R. 173 Ranjan, K. S. 195, 2647, 6003 Ranjan, K. S. 195, 2647, 6003 Ranjit Kumar 2158 Ranjna Bhan 4624 Ranković, M. 3435 Rano Jagpal 173 Ranomenjanahary, S. 7647 Ransom, L. M. 6034 Ransom, L. M. 6034 Rant, B. T. 2387 Rao, A. L. J. 4675 Rao, A. S. 5182 Rao, B. L. S. 4875 Rao, G. J. 2021 Rao, G. K. 2005, 2646, 4 Rao, G. K. 2005, 2646, 4860, 5630 Rao, G. N. 5645 Rao, G. P. 3321 Rao, G. R. 1713 Rao, G. R. 1713
Rao, G. V. N. 2016-2017
Rao, G. V. R. 4553, 6885
Rao, J. N. 3140
Rao, J. V. D. K. 8251
Rao, K. C. 49, 1430, 5815, 5817, 7568
Rao, K. M. 7628
Rao, K. T. 4570
Rao, K. V. S. 1951
Rao M. A. R. 1437 Rao, M. A. R. 1437

Rao, M. J. B. 6532 Rao, M. S. 6795 Rao, M. V. B. 7419 Rao, N. G. 2096, 2360-2361 Rao, N. V. 4570 Rao, P. R. 3144, 5615 Rao, P. S. K. 6321 Rao, P. S. P. 6515 Rao, P. V. S. 6888-6889 Rao, R. D. V. J. 8220 Rao, R. D. V. J. P. 1736, 4555 Rao, R. V. A. 4910 Rao, S. C. 1439 Rao, S. P. 6617 Rao, S. P. 6617 Rao, S. S. 4424 Rao, V. G. 4285, 6432, 7711 Rao, V. M. 164-165, 4715 Rao, V. P. 148, 5636 Raoof, M. A. 4494, 7831 Rapetti, S. 867, 3234, 3322, 3325
Rapić, V. 1147
Rapisarda, C. 3541
Raposo, R. 8123
Rappaport, L. 1093
Raptunovich, E. S. 1487, 4445
Rashid, K. Y. 8199
Rashka, K. E. 6607
Rashmi Aggarwal 7485
Rasin'sh, A. P. 1292
Rasmussen, P. M. 903
Rasmy, M. R. 8175
Rasocha, V. 939
Rasooly, A. 5368
Rastall, R. A. 3099
Rastogi, R. C. 1716
Rasulov, A. R. 6623 3325 Rasulov, A. R. 6623 Rasulov, A. R. 6623 Ratcliffe, R. H. 875 Rath, G. C. 643, 2315, 5123, 5843, 8006, 8244 Rathaiah, Y. 2663 Rathi, Y. P. S. 1619 Rathke, S. 3151 Rathore, P. 688 Rathore, R. S. 634, 3646, 4059 Ratna, A. S. 4862, 5182 Rattan, G. S. 2607, 4811 Rattanakarn, W. 7591 Rattink, H. 850, 859 Ratuszniak, E. 5856
Raun, E. S. 1707
Rausch, T. 7988
Raut, J. G. 2176, 5399, 7191
Raut, V. M. 290
Rava, C. A. 6867
Ravelo, H. G. 5669
Ravelonandro, M. 246, 1907, 3197, 3206, 3441, 5495
Raverkar, K. P. 151
Ravi, K. 2023, 6898
Ravinder, E. J. 2119, 7155
Ravinder, T. 2361
Rawal, R. D. 443, 2151, 2153, 2820, 4274
Rawat, D. S. 4417 Ratuszniak, E. 5856 Rawat, D. S. 4417 Rawat, D. S. 4417 Rawat, U. S. 6285 Rawla, G. S. 3155 Rawlinson, C. J. 6701 Rawn, C. D. 5376 Ray, A. K. 2851 Ray, J. B. 1224, 5418 Ray, R. C. 3838 Ray, S. K. D. 3493 Ray, T. C. 1198 Raybould, A. F. 6162, 7743 Raychaudhuri, S. P. 3715, 6190 6190 Raymer, G. 5271 Raymer, P. L. 6495 Raymundo, A. K. 4116 Raynal, D. J. 1490 Raynal, G. 3842 Razali Abd. Kader 1500 Read, B. J. 7533 Read, D. J. 59, 1194, 1798-1799, 6305 Read, N. D. 6383 Reader, S. L. 601 Reader, S. M. 4812

Reagan, T. E. 2884 Rebmann, G. 4016 Redbond, M. R. 6447, 6727 Reddick, B. B. 1395 Reddy, A. P. K. 6520, 7638 Reddy, A. P. K. 6520, 7638 Reddy, A. S. 4910, 5182, 8220 Reddy, A. V. 5644, 7592-7594 Reddy, B. C. 6535 Reddy, B. M. R. 2150 Reddy, C. D. 8226 Reddy, C. D. 8226 Reddy, C. N. 131, 3871, 4867 Reddy, C. S. 6520 Reddy, D. V. R. 3617, 4553, 4862, 5182, 6887, 8221 Reddy, H. R. 7320 Reddy, J. R. 2389 Reddy, K. R. 7073, 7844 Reddy, K. S. 7844 Reddy, L. J. 6883 Reddy, L. J. 6883 Reddy, M. B. 1613 Reddy, M. J. 3968 Reddy, M. N. 1613, 8226-8227 Reddy, M. R. S. 4125, 6535, 7666-7667 Reddy, M. S. 38, 49, 2096, 2652, 7568 Reddy, M. V. 693, 723, 2379, 2381, 3140, 3656, 3658, 5189, 6900, 8252, 8257, 5189, 6900, 8252, 8257, 8278-8280, 8284 Reddy, M. V. B. 2652 Reddy, P. B. 5150, 6024, 6845 Reddy, P. C. E. 7844 Reddy, P. M. 1072, 5638, 6889 Reddy, P. P. 5927 Reddy, P. R. 6532 Reddy, P. R. R. 6500 Reddy, R. R. 1067, 1705, 2170 Reddy, S. M. 797, 1181, 2022, 3549, 5150, 5795, 5802, 6024, 6676, 6845, 7661 Reddy, S. R. 1181 Reddy, S. V. 6905 Reddy, T. K. K. 6257 Reddy, V. K. 797, 3549 Redlin, S. C. 530, 8081 Redlin, S. C. 530, 8081 Reduker, S. 5776 Reed, P. J. 2316, 8125 Reed, R. B. 8224 Reed, W. B. 5273 Reeleder, R. D. 1112, 3498 Reena, J. 5328 Rees, N. H. 3099 Rees, R. G. 1975, 7521 Rees-George, J. 2275 Reeti Singh 5834 Refatti, E. 3436 Regenmortel, M. H. V. van Regenmortel, M. H. V. van 707-708, 3201, 3473, 5469, 7370 Regina, A. 1363 Regina, M. 5822 Register, J. C., III 5039 Regner, F. 3204, 7348 Regner, K. M. 3520 Rehfuess, K. E. 4392, 4467 Rehill, P. S. 541, 8079 Rehms, L. D. 788 Reichenbächer, D. 2540 Reid, C. P. P. 7094 Reid, D. M. 1784 Reid, M. S. 3347 Reighard, G. L. 432, 6649 Reilly, C. C. 7795 Reimann-Philipp, U. 1967, 4043 Reimers, P. J. 6530 Reinbolt, J. 3939, 5487 Reinert, R. A. 2484 Reinhartz, A. 2241 Reinhold, M. 1976 Reinink, K. 6102 Reinländer, W. 5135 Reis, V. M. 5348 Reisener, H. J. 1947, 4005, 5554-5555 Reisinger, A. 4630, 5316

Reiss, E. 2540 Rejón, C. R. 1090 Rejón, M. R. 1090 Rekha Rani 173 Ren, G. L. 2935 Ren, Q. M. 1412 Ren, Z. B. 2161 Renard, J. L. 7906 Renard, M. 1025 Renaudin, J. 4775 Renaudin, S. 5748 Renfro, B. L. 1345, 5613, 7573 Rennenberg, H. 8047 Renner, D. L. 527 Rennie, J. C. 1763 Rennie, P. J. 8046 Renoux, J. L. 1540 Rensburg, G. D. J. van 1336 Rensburg, J. N. J. van 1463 Rentzea, C. 5300 Renu Singh 1191 Renu Singh 1191 Renukumar 1439 Renwick, A. 6354, 6984 Resende, R. de O. 3925, 6118, 7369, 7379 Reshetnikova, I. V. 1805 Resnev, B. 2252 Rest, E. B. 317 Resta, E. 3869 Resta, E. 3869 Restrepo, M. A. 1249 Ret, M. le 5155, 5487 Retzlaff, W. A. 987 Reuveni, R. 3610, 7561 Reverchon, S. 2461 Revington, G. N. 7387 Rewal, H. S. 928, 1098, 7488 Rewal, N. 6910, 8261 Rey, J. Y. 920 Rey, M. E. C. 6904 Reyes, A. A. 572 Reyes, F. 509 Reyes, M. del C. 3117 Reynaud, B. 1263, 5609 Reynaud, B. 1263, 5609 Reynaud, P. V. 7061 Reynolds, G. 548 Reynolds, G. 548 Reynolds, K. L. 6625 Reynolds, K. M. 4975, 5449 Reynolds, L. B. 4612 Rezk, M. A. 3870 Reznikova, L. M. 5755 Rhee, Y. H. 7021 Rheeder, J. P. 1339, 1829 Rhinhart, K. E. L. 287 Rhoads, R. E. 3946, 5478, 7338 7338 Rhodes, L. H. 412, 416 Rhoton, F. E. 8215 Riba, O. 1441, 7908 Ribeiro, I. J. A. 7703 Ricci, A. 486 Ricci, V. 2584 Ricci, V. 2584
Ricciolini, M. 6687
Rice, J. S 2113
Rich, J. J. 1693
Richards, C. 4199, 5728
Richards, I. C. 5813
Richards, K. 7390
Richardson, C. J. 1552
Richardson, E. A. 7156
Richardson, P. E. 3320, 7510
Richiteanu, A. 7809
Richter, D. L. 672
Richter, J. 2540, 2971, 4773, 5242, 6104
Richter, M. 3221
Richauer, M. 1459 Rickauer, M. 1459 Ricker, M. D. 5141 Ricker, R. W. 4983 Riddle, G. E. 5217 Ride, J. P. 4798 Ridings, H. I. 1645 Ridley, J. D. 432 Riechmann, J. L. 3922, 5479 Rieckmann, W. 5306, 6715 Riedel, R. M. 412, 2206 Rieger, R. 3216, 4462 Rieger-Stein, A. 2094, 6580 Riemenschneider, D. E. 3563 Ries, S. M. 1315, 7769

Riesner, D. 5455, 6403 Riffle, J. W. 3800 Rigden, J. E. 5492 Rigin, B. V. 7432 Rijkenberg, F. H. J. 1288, 3258, 4008, 6456, 7712 Riley, I. T. 4926 Riley, K. 6568-6569 Riley, K. L. 3341 Riley, T. D. 6539 Rimands, R. M. 5066 Rimmer, S. R. 5983 Římsa, V. 6827 Rinaldelli, E. 5327 Rinaldelli, E. 5327 Rinallo, C. 2466 Rio, B. 7945 Riom, J. 4242 Riou, G. 5430 Ripke, F. O. 948, 5286 Rishi, N. 3497, 6938 Risse, L. A. 2036 Rist, D. L. 5195 Ristaino, J. B. 3585, 6130 Rita Goyal 2104 Ritchey, J. 1762 Ritchie, D. F. 6210 Ritieni, A. 2711 Rittenburg, J. H. 228, 6460 Ritter, E. 6478, 7918 Ritter, E. 6478, 7918 Ritter, L. 7038 Ritter, T. 101 Ritz, K. 1207 Rivano, F. 958 Rivera-Peña, A. 2199-2200 Rizzardi, V. 6316 Rizzi, E. 3338, 6637 Rizzo, T. M. 255 RLAC-PROVEG 1570, 3699-3700, 4482 3700, 4482 Ro-Poulsen, H. 8088 Roach, B. T. 2885-2886 Robacker, C. D. 5820 Robak, J. 3598-3599 Robarge, W. P. 2490 Robb, J. 6612-6613 Robb, J. 6612-6613 Robbertse, P. J. 1582 Robbins, K. 1005 Robbins, M. P. 6618 Robbs, C. F. 6489 Robert-Baudouy, J. 2461 Robert-Bicoud, M. 6403 Roberti, R. 6923 Roberto, F. F. 385 Roberts, B. R. 4422 Roberts, D. A. 883 Roberts, D. A. 883 Roberts, D. E. 743 Roberts, D. L. 5972 Roberts, D. P. 2362, 6986 Roberts, E. J. F. 5491 Roberts, I. M. 2146, 7332 Roberts, K. 4352 Roberts, R. G. 3399, 7689 Roberts, R. G. 3399, 7689 Roberts, T. M. 3993 Roberts, T. R. 3734, 3780 Robertsen, B. 8160 Robertson, G. I. 2275 Robertson, M. J. 3950, 5501 Robertson, N. L. 7515 Robertson, S. 2067, 6480 Robins, D. J. 1971 Robinson, A. 7034 Robinson, D. J. 237, 7332, 7353 7353 7353 Robinson, J. F. 7618 Robinson, M. P. 226 Robinson, R. A. 1530, 6049 Robson, A. D. 4713 Robson, G. D. 1730, 1734, 1820, 3124, 4739, 5384, 72.04 Robson, M. 1732 Roby, D. 1458 Rocham, W. F., Jr. 677 Rochecouste, J. 5706 Rochon, D. M. 5490 Rock, G. L. 3148 Rode, H. 5740 Röder, K. 4821 Roderick, H. W. 1396 Rodeva, R. 2901, 5056, 5577

Rodgers, J. D. 7543 Rodoni, B. C. 357 Rodrigo, I. 7999 Rodrigues, B. F. 6909 Rodrigues, C. J., Jr. 4155, 6550 Rodrigues, P. 5786 Rodrigues Neto, J. 6489, 6779 Rodríguez, J. F. 5678 Rodríguez, T. 6554 Rodríguez Castillo, A. 5623 Rodriguez Guzman, M. del P. Rodriguez-Palenzuela, P. 4986 Rodríquez, I. 973 Roebroeck, E. J. A. 2694, Roebroeck, E. J. A. 2694, 6582, 6595 Roekel, J. S. C. van 2229 Roelfs, A. P. 605, 1272, 1945, 3255, 4802, 5552 Roenhorst, A. 2896 Roermund, H. J. W. van 754-755
Rogers, J. D. 7269
Rogers, K. 8191
Rogers, S. G. 7383
Roggero, P. 367, 6059, 6903
Roggerro, P. 1452
Rogov, V. V. 4489, 5970
Rogowsky, P. M. 2451
Rogozhin, A. N. 5869
Rogozina, E. V. 6721
Rohatgi, N. 2417
Rohde, R. G. 7699
Rohde, W. 4320, 7355
Rohini Iyer 124, 5355, 6329
Röhl, F. 5300 Röhl, F. 5300 Rohr, O. 3757 Rohr, R. 2483 Rohr, R. 2483 Rohringer, R. 4004, 6454 Roig, C. 7738 Roiger, D. J. 5741 Roistacher, C. N. 3311, 7659 Roitman, J. 440, 4940 Roitsch, T. 1671 Poice J. 2138 Rojas, I. 3138 Rojas, M. L. 4148 Rojc, M. 2642 Rolim, P. R. R. 6592 Rolim, P. R. R. 6592 Rollason, S. A. 6834 Rolle, S. D. 7061 Rolston, M. P. 4193 Romandi, C. 3573 Romand, C. 5352 Romanova, O. I. 3005 Romanovets, E. S. 7178 Romanow, L. R. 2722 Roman, J. 3302 Romao, J. R. 2/22 Romao, J. 3302 Romashov, N. V. 986 Romdhani, M. S. 5023 Romeiro, R. da S. 6760 Romeiro, R. S. 5684, 6867 Romera, I. G. 4711 Romero, G. O. 7634 Romero, T. E. 4673 Romero Cova, S. 5781, 6360 Romero Cova, S. 5781, 6360 Römheld, V. 3815 Rondelli, V. 4661 Rondinaro, S. M. 6633 Roos, H. 735 Roos, U. P. 4724, 7165 Roossinck, M. J. 3931, 6018 Rooy, M. de 2694 Rosa de Medeiros, J. M. 3749, 6261 6261 Rosati, P. 7779 Roscher, K. 468 Rosciglione, B. 3349 Rose, C. L. 4693 Rose, D. L. 1923 Rose, D. R. 3564 Rose, D. R. 3564 Rosemann, D. 3056 Rosen, C. J. 2336 Rosen, J. D. 1732 Rosenberger, D. A. 6633 Rosendahl, C. N. 6026 Rosendahl, L. 168 Rosendahl, S. 1187, 2504,

6026 Rosenkranz, J. 2957 Rosner, A. 2093

Ross, L. F. 1069 Rossel, H. W. 3617 Rosset, P. 5918 Rossett, F. 3918 Rossetto, C. J. 7703 Rossi, F. 4640 Rossi, M. P. 4918, 6205, 6345, 7012 Rossi, V. 2974, 4090 Rossignol, M. 316, 6704 Rossignol, P. A. 5825 Rossman, A. Y. 699, 6145, 8081 Rossnagel, B. G. 278, 5602 Rosso, F. 5968 Rossum, C. M. A. van 7975 Rotem, J. 5248, 5434, 5437, 6562 Rott, R. 3273 Rott, M. E. 5490 Rott, P. 2032, 7647 Rouillon, R. 102 Rouleau, M. 7366 Roupakias, D. G. 1059 Rouse, D. I. 3512-3515 Rouse, D. L. 4325 Rousseau-Limouzin, M. 8131 Roussel, J. 7015 Rousset, J. 7013 Roux, A. le 835 Roux, J. 718 Roux, J. le 1289 Rouxel, T. 574 Rovesti, L. 6836 Rovesti, L. 6836 Rovira, A. 4003 Rovira, A. D. 7426 Rowan, D. D. 5720 Rowe, D. E. 2732 Rowe, P. R. 3467 Rowe, R. C. 1472, 2206, 3615, 3850, 6730 Rowell A. R. 5917 Rowell, A. B. 5917 Rowland, L. J. 7810 Rowley, K. B. 6869 Rowley, K. B. 6869 Roxas, C. A. 4692 Roxas, N. P. 7074 Roy, A. J. 5708 Roy, A. K. 4300, 6031, 7828 Roy, A. N. 1091, 7887 Roy, G. 1501 Roy, G. 1501 Roy, M. 4913 Roy, M. K. 5926, 8004 Roy, N. K. 4674 Roy, R. R. 1429 Roy, S. 4078, 5635 Roy, S. K. 8004 Roy, W. K. 5962 Royalty, R. N. 579 Royer, J. C. 8062 Royer, J. C. 8062 Royer, M. H. 3638 Rożej, B. 4825 Rozman, R. 6716 Ruan, Y. L. 4794 Rubino, L. 3937 Rubleva, N. V. 380, 6418, 7343 7343 Rubma, K. A. 5942 Rubos, A. C. 2742 Ruchay, D. 2474 Rudawska, M. 103 Ruddle, L. J. 3770 Rudgard, S. A. 6433 Rudikova, A. A. 3001 Rudikova, A. A. 3001 Rudinger, J. 2549 Rudolph, K. 2880, 2882, 4907, 5181, 5266, 6197 Rudolph, M. 3668-3669, 3671-3672 3672 Rüegg, E. F. 8005 Rüegg, J. 862, 2758 Ruess, W. 6273 Ruetze, M. 4436, 4470 Rufty, R. C. 5042, 6752 Ruhlmann, C. 3201 Ruikar, S. K. 4605 Ruiz Urrestarazu, M. M. 8092 Rüker, F. 3942 Rumbos, J. 3449 Rumeau, D. 5003 Rumine, P. 7716 Rundle, J. R. 2765-2766, 4247 Runkel, K. H. 2951

Runkel, M. 5064 Runkle, J. R. 4476 Rupasov, V. V. 1906 Rupe, J. C. 1065, 1606, 2368, 7212 Rupe, J. C. 1065, 1606, 2368, 7212
Ruppel, E. G. 5133
Rush, C. M. 1298-1299
Rush, M. C. 7589
Rushdi, M. H. 7957
Russ, K. 3130
Russell, B. W. 1887
Russell, P. E. 6439
Russo, L. W. 346, 2679, 4143
Russo, M. 3937
Russo, V. M. 6145, 7562
Rutherford, E. 2063
Rutherford, E. 2063
Rutherford, M. A. 5453
Ryan, C. C. 489, 962
Ryan, E. W. 3687-3688
Rybak, H. 5723
Rybak, V. A. 5974
Rybakova, I. N. 7190
Rybakova, M. I. 1316
Rybakova, N. I. 7929
Rybalko, A. A. 2986
Rybicki, E. P. 1910-1911, 5894
Rybnikova, V. A. 3001 Rybnikova, V. A. 3001 Rychlik, W. 5478 Ryder, M. H. 7706 Rygiewicz, P. T. 104, 2486, 7111 7111 Ryley, M. J. 8213 Ryno, R. N. 4121 Rysbaeva, A. 4906 Rytter, J. 4226 Ryu, G. H. 640, 1101 Ryu, J. C. 204, 2478 Ryugo, K. 3421 Rzepka, D. 7544 Sagrijahti, H. T. 6207 Saarilahti, H. T. 6207 Saarma, M. 1914 Sabel, P. 4460 Sabirov, B. G. 5688 Sabitha Doraiswamy 8207 Sabitov, A. Sh. 4969 Sabourin, M. 5067, 5069 Sabourin, M. 5067, 5069
Sacco, F. 6135
Sachdev, M. S. 676
Sacher, R. 7337
Sacks, W. R. 4862
Sackston, W. E. 459, 7872
Sacristan, M. D. 5994
Sadanandan, A. K. 3486 Sadhana Srivastava 1933 Sadiq, M. 1081 Sadiq, M. 1081 Sadkovskii, V. T. 7478 Sadowski, L. A. 598 Sadowski, S. 3633 Sadykin, A. V. 2902, 7992 Sadykin, E. I. 2902, 7992 Sadykov, P. T. 5688 Saettler, A. W. 3624 Safeenlla, K. M. 2332, 763 Safeeulla, K. M. 2332, 7630, 8151 Safir, G. R. 4635, 6328, 7131, 7149 Sagar, A. 67, 7115 Sagasta, E. M. 1418 Sah, D. N. 2006 Sah, R. P. 3656, 8280 Saha, A. 963 Saha, J. 1616 Saha, L. R. 4493 Saha, M. L. 2215 Saha, S. 2231 Sana, S. 2231 Sahab, A. F. 4272 Sahara, M. 191 Saharan, G. S. 2331, 4163, 4504-4505, 5989-5990, 8147 Sahay, S. S. 2059 Sahoo, B. K. 6901 Sahoo, K. C. 6094 Sahoo, R. C. 8006 Sahu, B. K. 5840 Sahu, P. N. 6901 Sahu, R. K. 4119 Sai Gopal, D. V. R. 3642 Saifulla, M. 7567 Saikia, A. 7461

Saikia, L. 7626 Saillard, C. 4945 Saimoto, H. 5253 Sainger, D. K. 2423 Saini 8277 Saini 8277
Saini, L. C. 1427, 4196
Saini, R. G. 289, 302
Saini, S. R. G. 4806
Saini, S. S. 3226, 7242, 7248
St. John, T. V. 4704
St. Pierre, C. A. 1273
Sairanen, A. 5950
Saito, H. 7648
Saito, H. 7648 Saito, I. 1727 Saito, M. 244 Saito, S. 4829 Saivaraj, K. 814 Saivaraj, K. 814
Sajan, R. J. 516, 519
Sajise, C. E. 1109, 3054
Saka, V. W. 8279
Sakagami, Y. 10
Sakai, D. S. 2069
Sakai, K. 53, 7489
Sakai, W. 2070
Sakai, W. S. 2067-2068, 2072
Sakai, W. 333
Sakampato, V. 4045 Sakai, W. 3. 2007-2006, 207 Sakai, Y. 333 Sakamoto, Y. 4045 Sakamura, M. 6224 Sakata, Y. 3049, 8018 Sakho, T. N. 3588 Sako, I. 2396, 8297 Sako, N. 3756, 7152, 7350 Saksena, H. K. 481, 953 Saksirirat, W. 3013, 5176, 6065, 8216 Sakthivel, N. 7420 Sakuma, H. 4880, 4898 Sakuma, T. 5742 Sakurai, A. 502, 3199, 5253 Sakurai, M. 1473-1474 Sakurai, Y. 7991, 8018 Sala, J. M. 6538 Sala, M. 6600, 7736 Sala Mayato, L. 6679 Sala, M. 6000, 7736 Sala Mayato, L. 6679 Saladrigas, M. V. 5015 Salako, E. A. 3643, 4560 Salam, M. 8106 Salam, M. A. 5331 Salam, M. A. 5331 Salama, A. A. M. 2399 Salama, A. M. 1720 Salama, E. A. 6839 Salama, F. A. 2644 Salamini, F. 6478, 7918 Salamon, P. 8327 Salazar, L. F. 3220, 3504, 7360 7360
Säle, M. 4662
Saleem Shahzad 7164
Saleh, E. A. 2907
Saleh, O. I. 4240-4241
Saleh, T. E. 1679
Saleh, W. I. H. 8008
Saleh, Y. E. 7009
Salerno, M. 5673-5674
Sales, M. 4141
Salgare, S. A. 2430
Salinas, M. D. 497
Salinas G., J. G. 6926
Salmanowicz, B. 105 7360 Salmanowicz, B. 105 Salmanowicz, B. 105
Salmen, H. C. 5191
Salmon, T. P. 871
Salmond, G. P. C. 15
Salonius, P. O. 3808, 8115
Salsac, L. 95, 97
Salutini, L. 3830
Sama, S. 2658
Samad, A. 2328, 4370, 6416
Samaddar, K. R. 1618
Samainati, N. 7973 Samaipati, N. 7973 Samoina, I. N. 1292 Samoucha, Y. 475 Sampangi Ramaiah, K. 550, 3796 Sampson, P. J. 4209 Sams, C. E. 5756 Sams-Ud-Din, M. 3312 Samsøe-Petersen, L. 5306 Samson, R. 5261 Samson, R. A. 1220, 6963, 7292 Samuels, A. L. 4515

Samyn, G. 844 Samyn, G. 844
San Antonio, J. P. 7141
San Lio, G. M. di 6666
San Martín, J. 1515
San Segundo, B. 6503
Sanborn, M. R. 617
Sánchez, J. A. 274
Sánchez, J. A. 274 Sánchez Aguero, L. 973 Sánchez Anguiano, J. H. 8192 Sánchez-Fernández, R. 5395 Sanchez-Rasero, F. 4673 Sanchis, V. 4229 Sandberg, C. J. 5108 Sandeep Pandey 8159 Sander, E. 5259, 5607 Sandermann, H., Jr. 2960, 3056, 6308 Sanders, F. E. 682 Sanders, I. R. 5341 Sanders, P. 5908, 6716 Sanders, P. R. 1247 Sanders, T. H. 6077 Sanderson, P. G. 2140 Sandhikar, R. N. 6075 Sandhikar, R. N. 6075 Sandhu, G. S. 855 Sandhu, K. S. 600, 1028, 7405 Sandler, H. A. 4133, 4135 Sandmann, G. 4646, 6206 Sandoval Garcia, G. 5244 Sands, D. C. 788, 1648, 1976, Sanewski, G. M. 4280 Sanfaçon, H. 2550, 7336 Sanfaon 7385 Sanford, J. C. 2081 Sangar, R. B. S. 581, 5867, 6132 6197 Sangchote, S. 4277 Sänger, H. L. 251, 377, 2896, 6403 Sangita Batra 1612 Sangita Dighe 3903 Sanguino, A. 486 Sanin, M. A. 7924 Sanjeev Agrawal 453 Sankaran, K. V. 7277-7279 Sankaran, S. 5818 Sano, S. 4516 Sans, N. 9 Sansford, C. E. 3977 Sansome, E. 2526 Santa Cruz, M. 4151 Santacreo, R. 2041 Santacroce, C. 3109 Santana Cosma, T. 7184 Santerre, A. 5959 Santhanakrishnan, P. 145 Santisteban, O. 6713 Santo, G. S. 1707 Santokh Singh 888, 7169, 7724 7724
Santore, U. J. 5919, 6403
Santos O., M. 6674
Santoso, E. 61, 4414
Santucci, A. 5809
Sanz, A. 2194
Sanz, T. 3373
Sao, R. N. 8149
Saprykin, N. G. 3586
Sarandon, S. J. 3636
Sarbajna, K. K. 1216, 1848, 1874, 7249
Sarbhoy, A. K. 679, 4550, Sarbhoy, A. K. 679, 4550, 6374, 6992, 8209 Sardanelli, S. 872 Sardiñas Abreu, J. 8162 Sarfatti, M. 3544 Sarhan, A. R. T. 2633, 5603, 8106, 8201-8202 8106, 8201-8202 Sarjala, T. 1794, 6304 Sarkar, D. P. 7835 Sarkar, S. 964 Sarkar, T. K. 6395 Sarma, G. S. 1522 Sarma, Y. R. 201, 2847, 5518, 7891 7891 Sarmah, R. 4349 Sarmiento, M. 4148 Sarniguet, A. 5580 Sarr, A. 3303 Sarrafi, A. 1323, 6483

Sarwar, M. 484 Sasaki, K. 577, 612 Sasaki, M. 5403, 6278 Sasarman, A. 5251 Sasek, T. W. 1552 Šašek, V. 106 Sasikala, M. 2183 Saski, P. J. 2806 Saski, P. J. 2806 Sastraatmadja, H. 4273 Sastroutomo, S. S. 6149 Sastry, K. 7902 Sastry, M. N. L. 3872, 4342, 7396, 7411, 7910 Sastry, R. K. 124, 6329 Saswati Biswas 4109 Satapathy, M. K. 331, 6516 Sathe, A. V. 3903 Sathie, K. B. 4530 Sathyanarayana 5630 Satish Lodha 203, 1831, 7211, 8286 8286 Sato, K. 3841, 4885, 7174 Sato, M. 2326, 4829 Sato, S. 210-211 Sato, T. 462, 5489 Sato, Y. 361, 868, 2281, 3199, 4752 Sato, Y. I. 4115 Satour, M. M. 4591 Satouri, S. 1979 Sattar, M. H. A. 3517 Sattelmacher, B. 1769 Satvinder Kaur 687, 1958, 2607, 7483, 7724 Satya Vir 294 Satyabrata Maiti 2182, 3961, 4494 Satyanarayana, A. 1430, 3659, Satyanarayana, M. V. 804 Satyanarayana, Y. 1437 Satyaprasad, K. 8269-8270 Satyaprasad, K. 8269-8. Satyavir 7960
Satyavir, B. 7463
Satyendra Yadav 4013
Saucedo, J. E. N. 5365
Sauer, D. B. 1349
Saulescu, N. N. 2593
Saumtally, S. 7968
Saunders, D. W. 6437
Saunders, K. 7365
Saur, R. 6275
Sauter, H. 5300
Savanur, R. D. 5691 Savanur, R. D. 5691 Savary, S. 4559 Savel'ev, N. I. 7773 Savile, D. B. O. 2109, 3185, 3192 Savino, V. 2823, 5810 Savita Gupta 7243 Savithiry, S. 7420 Savithiry, S. 7420 Savithri, H. S. 4765 Savkina, E. V. 558 Savolainen, K. 3122 Savy Filho, A. 7867 Sawada, H. 1431 Sawada, Y. 3113 Sawant, A. R. 5832 Sawant, I. S. 4130, 7663-7664 Sawant, S. D. 4130, 7663-7664 3192 7664 Sax, N. I. 30 Saxe, H. 564-567 Saxena, A. 5647 Saxena, A. K. 2151, 2820 Saxena, D. B. 5291 Saxena, D. R. 4581, 6111 Saxena, G. 7148 Saxena, H. K. 5883 Saxena, J. 5400, 7168 Saxena, M. 8019 Saxena, R. C. 814-815, 2018, 4870 4870 Saxena, S. C. 4854 Saxena, S. K. 504, 952, 3774, 4305, 4378 Saxena, V. C. 2334, 5996 Say, M. M. 1645, 2427 Sayama, M. 8129 Sbrana, C. 5342 Scala, C. 3338

Scala, F. 7708 Scalcione, M. 6709 Scaloni, A. 2040 Scanferlato, V. S. 1681 Scarpa, V. J. 1519 Scavetta, R. 2472 Schaad, N. W. 4384 Schadegg, E. 2759 Schadewijk, A. R. van 864, 2722, 6570 Schaefer, H. J. 2738 Schaefer, S. 1936 Schaefers, G. A. 1141 Schafer, C. J. 4491 Schaffer, B. 1422 Schaffers, A. P. 91-92 Schagen, J. G. van 4615 Schalkwyk, D. J. van 1339 Schardl, C. L. 2115, 8193 Schauz, K. 6497 Schedl, H. 930 Schedl, H. 930 Scheepens, P. C. 5216 Scheffer, R. J. 3557, 8012 Scheffold, F. 6347 Scheegg, K. 2472 Scheinpflug, H. 6673 Schelberger, K. 6275 Schell, J. 1936, 2375, 3912, 2033 3933 Schell, M. A. 1689 Schemck, N. C. 6332 Schenck, N. C. 1739, 1770, 1779, 3825, 5335, 7139, 7143 Schenk, G. 2854, 4759-4760, 5012, 7916 Schenk, J. 511 Schenk, S. U. 8186 Schenke, D. 966 Schenke, D. 966 Schenone G. 3629 Schepers, J. 754 Scheromm, P. 97 Schesser, K. 6468 Schettini, T. M. 3661 Scheuer, Ch. 1228 Schier, G. A. 6794 Schiffgens A. 2957 Schiffgens, A. 2957 Schill, H. 4437 Schiltz, E. 5167 Schiltz, P. 6749 Schitz, P. 6/49 Schimming, W. K. 1808 Schindler, U. 9 Schingen, J. C. van 4026 Schipper, M. A. A. 4637 Schippers, B. 850 Schisler, D. A. 6139, 7706, 8328 Schlienger, C. 4151 Schlieper, D. 6092 Schlösser, E. 2621, 3745, 3960, 4053, 4304, 4585, 5125 Schmatz, R. 2702 Schmatz, R. 2702 Schmeer, H. E. 6824 Schmele, I. 5147 Schmid, A. 5230 Schmid, B. 82, 6306 Schmid, G. 3392 Schmid, J. 5051 Schmid-Haas, P. 5092 Schmidt, A. 6206 Schmidt, D. 4191 Schmidt, G. 4669 Schmidt, H. B. 5242, 6104 Schmidt, H. E. 2122, 2543, 4762-4763, 5978 Schmidt, H. H. 4670, 5242 Schmidt, K. 5134 Schmidt, R. A. 1546, 5519, 7963, 7966 Schmidt, S. P. 7737 Schmidt-Puchta, W. 2896 Schmidt, M. 1045 Schmit, J. 5931 Schmitt, R. 2960 Schmitt, U. 4436, 4470 Schmitt, U. 4436, 4470 Schmitt, U. 4436, 4470 Schmitthenner, A. F. 8208 Schmidt, G. 4669 Schmitt, O. 4436, 4470 Schmitthenner, A. F. 8208 Schmitz, D. 1171 Schmitz, J. 7355

Schmitz, M. 5455 Schmoldt, D. L. 554 Schmutz, P. 6273 Schmutz, P. 6273 Schnathorst, W. C. 2686 Schnee, H. 4845 Schneider, M. 2641 Schneider, P. 2959 Schneider, R. W. 3543, 3603, 4751, 7618 Schneider, S. 4782 Schneider, S. 4783 Schneider, T. 2947 Schnoor, J. L. 6287 Schnurr, G. 6206 Schoelb, A. A. 4249 Schoelz, J. E. 1240, 7384 Schoeneberger, M. M. 2484, Schoffelmeer, E. A. M. 1599 Scholthof, H. 7386 Scholz, H. 2475 Scholz, H. 2475 Scholze, F. 7456 Schön, H. 3222 Schönbeck, F. 1776, 4044 Schönfelder, M. 2542 Schönhar, S. 5111, 8109 Schönwitz, R. 3056 Schöppner, A. 5100 Schörgendorfer, K. 1688 Schotman, C. Y. L. 1735 Schots, A. 5464 Schots-v. d. Zee, M. 3582 Schots-van der Zee, M. 3582 Schots-v. d. Zee, M. 3582 Schots-van der Zee, M. 3582 Schottel, J. L. 5271 Schouten, H. J. 3098 Schrader, G. 4043 Schrama, R. M. 3329 Schramel, P. 2951, 6810 Schreiber, L. R. 537 Schreier, P. H. 2375 Schröder, E. 4672 Schröder, E. 4672 Schröder, G. 1457, 5167 Schröder, M. 7189 Schröder, M. 7189 Schröder, P. 8047 Schröder, P. 8047 Schröder, H. 5440 Schroeder, M. 5013 Schroeder, M. G., III 3107 Schroeder, M. 5013 Schroeder, R. G., III 3107 Schroth, M. N. 25, 3111, 4263 Schubert, B. 4730 Schubert, J. 2545, 2856, 2971 Schubert, K. R. 3533 Schubert, T. S. 2716, 2721 Schubert, C. 4741 Schüepp, H. 904, 5345 Schuffenhauer, S. 7180 Schuffenhauer, S. 7180 Schuh, W. 764, 3267 Schüler, H. 2596 Schuler, R. 4716 Schulters, D. T. 2051 Schultz, A. 5242 Schultz, M. E. 5957 Schultz, M. E. 5957 Schultze, M. 2552, 7385 Schultze, M. 2552, 7385 Schultze-Dewitz, G. 3698 Schulz, C. 5994 Schulz, F. A. 740 Schulz, H. 731-733 Schulz, S. 7189 Schulz, U. 6673 Schulz, U. 6673 Schulze, E. D. 8114 Schulze, S. 2855, 5041 Schulze, S. C. 7013 Schulze-Lefert, P. 6478 Schuster, D. J. 2987, 6814 Schuster, G. 2232, 7813 Schutte, G. C. 6536 Schütz, N. 449 Schwab, H. 1688 Schwack, W. 3766 Schwager, S. J. 2749 Schwandt, J. W. 5935 Schwartz, T. 3100 Schwandt, J. W. 59 Schwartz, T. 3100 Schwarz, J. J. 2641 Schwarz, U. 4427 Schwerk, S. 3860 Schwer, B. 5816 Schwinn, F. J. 904 Scopa, A. 5267 Scottichini, M. 334 Scortichini, M. 3342, 4918, 6205, 6345, 7012

Scott, D. B. 3996 Scott, G. C. 2186 Scott, G. E. 320, 1348 Scott, H. A. 3212, 3683 Scott, J. W. 4374, 5058, 5928-5929, 5932 Scott, K. J. 4788 Scott, S. W. 646, 1397, 2791 Scrano, L. 7849 Scriven, F. M. 4613 Seal, K. J. 499 Sealy, R. L. 365 Seaman, A. J. 6486-6487 Seaman, A. J. 6486-6487 Seaman, D. 1137 Seaman, W. L. 5604 Sears, B. B. 3949 Sears, M. K. 6829 Sebasigari, K. 3461 Sebasigari, K. 3461 Sebesta, J. 1331 Secher, B. J. M. 5504 Secor, G. A. 957 Sedov, E. N. 4950 Seem, R. C. 791-792, 5436 Seemüller, E. 1921, 4945, 5743-5744 5743-5744
Segal, G. J. 7738
Segars, S. B. 2090
Segawa, K. 4943
Segre, A. 2040
Séguin-Swartz, G. 1032, 2333, 3597, 6346
Segundo, B. S. 6503
Sehgal, H. S. 1489, 8089
Sehgal, O. P. 1237, 3216, 4519
Sehly M. R. 2662 4519
Sehly, M. R. 2662
Seiber, J. N. 4663
Seidel, M. 3221
Seidler, R. 4643
Seidlitz, H. K. 529
Seidov, M. G. 7479
Seifers, D. 1549
Seifert, K. A. 6963
Seiler, J. R. 2301
Seip, E. R. 1816
Seito, M. 5197, 5963
Seitz, H. U. 1269
Sekhar, M. J. 2819, 7625
Sekhon, P. S. 4578
Sekido, S. 4092
Sekiyama, K. 1043 Sekiyama, K. 1043 Sekizawa, Y. 7606-7607 Sela-Buurlage, M. 7416 Selassie, K. G. 3041 Selinger, H. 2954 Selinger, H. 2954
Selivanov, A. N. 5530
Selldén, G. 5113-5114
Sellwood, J. E. 3666
Selochnik, N. N. 7723
Semal, J. 2444, 4528
Semancik, J. S. 1372, 7659
Semb, L. 6661
Semenyuk, M. I. 4165
Sen, B. 6390
Sen, C. 6972
Sen, R. 1161-1162
Sen, S. 463, 7884
Senapati, A. K. 7448 Senapati, A. K. 7448 Senaratna, L. K. 7952 Senga, S. 4084 Senga, S. 4084
Sengupta, K. 1421, 2168, 8284
Sengupta, P. C. 5874
Sengupta, P. K. 1436
Senior, E. 7108
Seno, K. 4880
Senoedov, V. P. 2683
Senser, M. 2953, 2955, 5116
Seo, S. 4676
Seow, S. T. 2572-2573
Sepiah, M. 5799
Seppänen, E. 4327
Sepulveda, B. A. 4048
Sequeira, J. C. 3010
Sequeira, J. C. 3010
Sequeira, L. 2237, 2881, 3731, 6183, 7018
Serezhkina, G. V. 5531, 7462 6183, 7018
Serezhkina, G. V. 5531, 7462
Serghini, M. A. 3939
Serra, J. L. 1823
Serrone, P. del 6134
Servin, P. 7015
Seshadri, V. S. 1039

Sether, D. M. 5825 Sethi, C. L. 129, 3022 Sethi, J. K. 3155 Sethuraj, M. R. 7950 Seto, H. 7083 Seufert, G. 4400 Seurinck, J. 3911 Seurariyanova, L. A. 4964 Sewask, K. 2066, 2068 Sewake, K. T. 2072, 2079 Seywerd, F. 3611 Sha, X. Y. 4104 Shabeer Ahmad 7557 Shabi, E. 2747, 3382, 4218, 4238 Shackel, K. 3831 Shad, O. 67 Shad, O. S. 7115 Shafer, S. R. 1556, 7135 Shaffer, G. P. 1220 Shaffer, J. A. 879 Shah, A. A. 4223 Shah, J. 7247 Shah, S. E. 5893 4238 Shahbaz 1791 Shahjahan, A. K. 4868 Shahjahan, M. 1364 Shahnaz Dawar 7878 Shahzad, S. 7164 Shaik Mohammad 2005, 2646 Shaikh, M. A. Q. 1079 Shaikh, S. A. 1148, 5303 Shainazarov, A. Sh. 7684 Shakirzyanov, A. Kh. 4846-4847 Shalaby, H. S. 4184 Shaldyaeva, E. M. 7222 Shambulingappa, K. G. 8256 Shamoun, S. F. 6137 Shamshad Begum 1290 Shamsher Singh 4057, 6080 Shamsudin, O. M. 829 Shamsudin, O. M. 829 Shan, F. 4451 Shands, H. L. 1330 Shane, W. W. 3358 Shaner, G. 1310 Shang, H. S. 4824 Shang, Y. Z. 2523 Shankar, A. 147, 162 Shankaraiah, C. 485 Shanker, N. A. 5349 Shanker, U. 5642, 5823, 7856 Shanks, C., Jr. 5784, 7808 Shanks, M. 4768 Shanmugam, N. 487, 4343, Shanmugam, N. 487, 4343, 5900-5901 Shanthichandra, W. K. N. 3654 3034 Shao, L. P. 2508, 4446 Shao, X. H. 2979 Shapira, R. 3173, 3556, 5939, 8058-8059 Shapiro, B. 6537 Sharada, M. S. 2669 Sharapov, N.V. 4929 Sharif, F. M. 968 Sharik, T. L. 6811 Sharkey, T. D. 4325 Sharma, A. 4103 Sharma, A. K. 666, 1191, Sharma, B. L. 3004 Sharma, B. M. 64 Sharma, C. B. S. R. 776, 1317, 3742 Sharma, C. P. 1425 Sharma, D. D. 1421 Sharma, G. D. 86 Sharma, G. K. 5121 Sharma, H. B. 5855 Sharma, H. C. 805, 4531 Sharma, H. L. 796 Sharma, H. S. S. 5855 Sharma, I. 1958, 4810-4811, 7480, 7484 Sharma, I. K. 7781 Sharma, I. M. 4955 Sharma, J. K. 5122, 8068 Sharma, J. P. 7559 Sharma, J. R. 836, 7681 Sharma, K. K. 6624

Sharma, K. P. 5180 Sharma, L. C. 6089, 6908, 8268 Sharma, M. 7148 Sharma, N. 611, 2347, 4682 Sharma, N. K. 3690 Sharma, N. R. 2019, 7621-7623 Sharma, O. 2014 Sharma, O. P. 5846, 7054 Sharma, P. 164-165 Sharma, P. D. 2423, 3256, 7471 7471 Sharma, R. C. 912, 1338, 1718, 2796, 4070, 4254, 5772, 7239-7240 Sharma, R. K. 5846 Sharma, R. L. 433, 893, 4228, 5752, 5758, 5760, 6630-6631, 7182, 7783, 7787, 7838 7838 Sharma, S. 5765 Sharma, S. B. 308, 6900, 7064, 7577-7578 Sharma, S. C. 302, 4014, 7492 Sharma, S. K. 895, 899, 5745, 6027, 7772, 7776, 7885 Sharma, S. R. 1057, 2035, 2418, 5663, 6054 Sharma, IJ 2615 Sharma, U. 2615 Sharma, V. C. 5886 Sharma, V. K. 3779 Sharma, V. P. 895, 7772 Sharma, Y. R. 4010 Sharon, A. 3685 Sharpe, R. R. 7795 Sharrara, A. M. 2311 Sharrock, K. R. 3609 Shashi Chauhan 5404 Shashi Rai 5413 Shashi Rai 5413
Shashi Rai 5413
Shashidhara, S. D. 2378
Shashirekha, M. N. 2187
Shashkov, A. S. 3112
Shastree, N. K. 2356
Shatilova, N. V. 2599, 4800
Shattock, R. C. 1197, 4723, 6653, 7201
Shattuck, V. I. 5980, 5985
Shaug, S. P. 2650, 7570
Shaukat, S. S. 6010
Shavarina, Z. A. 7427
Shaw, C. G., III 527, 7286
Shaw, C. G., III 527, 7286
Shaw, C. H. 12, 5258, 7005
Shaw, D. A. 913
Shaw, D. E. 5712
Shaw, D. S. 1197, 4723, 7201
Shaw, G. 1194, 1799
Shaw, J. G. 3946, 5045, 5478, 7232 Shaw, J. G. 3946, 5045, 5478, 7308, 7338 Shaw, M. E. 5981 Shaw, M. W. 1231 Shaw, M. W. 1231 Shchekochikhina, R. I. 3994 Shcherbakov, S. A. 2839 Shcherbakov, V. K. 2900 Shcherbakova, A. 6042 Shearer, B. 8067 Shearer, J. F. 2106 Sheelavantar, M. N. 631 Shehata, S. A. 2065 Shehata, Z. A. 4240 Sheila, V. K. 2379 Sheir, H. M. 8175 Shekhawat, G. S. 4332, 5886 Shekhawat, G. S. 4332, 5886, 7942 7942 Shekhawat, N. S. 7576 Shelby, R. A. 2114, 7737 Sheldon, C. C. 5477 Shelpoy, V. V. 4796, 4805 Shelp, B. J. 5980 Shen, B. K. 559 Shen, C. Y. 446 Shen, J. H. 6531 Shen, I. Y. 329 Shen, J. Y. 329 Shen, J. Y. 329 Shen, P. 4875 Shen, R. X. 2525, 2930, 5077 Shen, X. C. 7782 Shen, Z. H. 2528 Sheng, Y. H. 7008 Sheo Raj 4158, 7690

Sheoran, B. S. 4504 Shepard, B. M. 1117 Shephard, G. S. 1937 Shephard, M. C. 1954, 6459, 6464 Shepherd, K. W. 1334, 7693 Shepherd, R. J. 4758, 7384, 7386 7386 Sheppard, A. N. 2471 Sheppard, L. J. 4475 Sheppy, P. C. 5276 Sher Hassan 7965, 8002 Sher Singh 294, 760, 7463 Sherald, J. L. 2924 Sheridan, J. E. 7085 Sherman, W. B. 1416 Sherwood, J. L. 617, 5515, 5535 5535 5535 Sherwood, R. T. 3364, 6606 Sherzhanov, K. 5689 Sheshegova, T. K. 7546 Shetty, H. S. 328, 2012, 2652, 2669, 3968, 4604, 4858, 5616, 6119, 6389, 7438, 7579, 7630, 7875 Shetty, K. 7105 Shetty, K. K. 2859 Shetty, S. A. 2669, 7630 Shevchenko, A. M. 5152 Shetty, K. K. 2859
Shetty, S. A. 2669, 7630
Shevchenko, A. M. 5152
Shevchenko, S. N. 7490
Shevchenko, V. I. 186
Shevtsova, V. M. 7507
Shew, H. D. 1461, 5904, 5911
Shi, A. N. 5661
Shi, F. Z. 4452
Shi, J. 6560
Shi, J. L. 5941
Shi, W. W. 4089
Shi, Z. H. 2253
Shi-Mai, Z. 5568
Shibat, T. 5465
Shibata, H. 5144
Shida, K. 2659
Shihata, Z. A. 6840, 8245
Shiinoki, Y. 4681
Shikata, E. 1248, 1896, 5480, 7330, 7919
Shikha Roy 5635
Shim, J. W. 441
Shim B. J. 8243
Shimada, A. 244
Shimada, A. 244 Shimada, A. 244 Shimada, K. 4892, 5143 Shimada, S. 2370 Shimada, T. 4032 Shimamoto, K. 256 Shimazu, A. 3792, 7083 Shimazu, K. 1250 Shimazu, K. 1250 Shimizu, S. 535 Shimizu, T. 3199 Shimoda, N. 10 Shimoni, M. 3610, 7561 Shimono, Y. 402 Shin, D. B. 439 Shin, D. C. 8206 Shin, W. K. 454, 4101 Shinde, N. N. 972 Shinde, R. 3487, 5832 Shindin, I. M. 6476 Shine, J. M., Jr. 2222, 5031 Shinkarev, V. P. 7635 Shinda, R. N. B. de 3568 Shintaku, M. 7388 Shiomi, S. 4477 Shintaku, M. 7388 Shiomi, S. 4477 Shiomi, T. 2401, 7853, 8084 Shiraishi, T. 1593, 3003, 7177 Shirako, Y. 3921 Shirane, N. 4676, 6270 Shirasu, K. 1670, 2451 Shirata, A. 577, 2326, 4597 Shirnina, L. V. 8071 Shirokov, A. I. 7433 Shishiyama, J. 2659 Shishkoff, N. 969, 975, 5218 Shishupala, S. 2012 Shiu, W. Y. 4663 Shivanna, H. 1356 Shivanna, M. B. 4604, 6389 Shivas, R. G. 2735, 3066, 6296 6296 Shivashankar, S. 535.

Shivendra Kumar 2020 Shivendra Rumar 2020 Shivpuri, A. 6002 Shmyglya, V. A. 2894 Shnaider, T. M. 5559 Shnyreva, A. V. 7138 Shoda, M. 5403 Shoda, M. 5403 Shoemaker, R. A. 222, 3185 Shohara, K. 1129, 4876 Shoji, T. 4479 Shokes, F. M. 6073 Sholar, J. R. 1656 Sholberg, P. 4235 Sholberg, P. L. 725, 1417, 5749, 5757, 5764, 6632 Shong, R. H. 2814 Short, F. T. 8332 Short, F. T. 8332 Shortle, W. C. 6784 Shoshina, Z. V. 7759 Shotwell, O. L. 3292 Shree, M. P. 2145, 6510 Shrestha, S. M. 4117, 4376 Shrivastava, A. K. 1353 Shrivastava, A. K. 1353 Shrivastava, M. 4013 Shrivastava, R. D. 7054 Shrive, A. K. 1258 Shroff, V. N. 154, 160 Shroff, V. N. 154, 160 Shtienberg, D. 944-945, 954, 1283, 2858, 3246 Shtin, L. T. 7841 Shu, Z. G. 8197 Shubha Pathak 2356 Shudrya, P. P. 7583 Shuskaya, N. P. 5152 Shukla, A. 1619, 6097 Shukla, A. K. 1711 Shukla, B: 3321 Shukla, D. 3929 Shukla, D. D. 3198, 5493, 7335 7333 Shukla, H. S. 5588 Shukla, K. 3321 Shukla, K. K. 288 Shukla, K. N. 1719, 1724, 5297, 7065, 7067 Shukla, P. 8284 Shukla, R. P. 1744, 2667, 7226, 7629 Shukla, R. S. 7894 Shukla, R. S. 7894 Shukla, T. N. 2383 Shukla, U. S. 5029 Shukle, R. H. 2590 Shul'ga, O. A. 5909 Shul'man, N. I. 6105 Shyam, K. R. 855, 869, 5995, 5997, 6052 Sibara, M. 6904 Sibbett, G. S 5083 Sibiryakova, I. I. 380, 6418, 7343, 7429 Sickle, G. A. van 1486 Siddaramaiah, A. L. 3456, Siddaramaiah, A. L. 3456 5783, 7817 Siddiq, E. A. 7587 Siddiqi, S. A. 7076 Siddique, A. B. M. 5208 Siddique, A. B. M. 5208 Siddiqui, M. R. 7406 Siddiqui, N. U. 4091 Siddiqui, N. U. 4091 Siddiqui, Z. A. 5977 Sidebotham, J. M. 15 Sideris, E. G. 1721 Sidhu, B. S. 7617 Sidhu, G. S. 1370 Sidhu, O. P. 2502, 6707 Sidhu, S. S. 670 Sidorovich, E. A. 2298 Sieber, T. N. 8053, 8080 Sieber-Canavesi, F. 8053, Sieber, T. N. 8053, 8080 Sieber-Canavesi, F. 8053, 8080 Siebers, J. 4588, 5310 Siedel, R. 2472 Siegel, H. 5300 Siegel, M. R. 399, 2115, 5720 Siegfried, W. 2758 Siehl, D. L. 1135 Siemieniak, D. R. 3940 Sierota, Z. 1535, 4404 Sietsma, J. H. 588 Sieu, L. C. 3940 Sieverding, E. 1772, 3138

Siewiński, A. 7181 Sigee, D. C. 3104-3105, 3417, 3726, 4179 Sigler, L. 1797 Signore, G. del 4814 Sikander Ali 2096 Sikora, R. A. 2975-2976 Silbernagel, M. J. 4535-4536 Silkova, T. A. 291 Sills, G. R. 6071 Silman, R. W. 6944 Silue, D. 1367, 6521 Silva, O. da C. e 3108 Silva, P. da 3818 Silva, R. L. da 6125 Silva, O. da C. e 3108
Silva, P. da 3818
Silva, R. L. da 6125
Silva, T. D. da 6760
Silva, W. M. da 486
Silva e Mota, J. W. da 3973
Silva Vara, A. 6017
Silverstone, S. E. 6198
Silvestroni, O. 5809
Simada, M. 5144
Simán, J. 5921
Simard, R. E. 2250
Simay, E. I. 7263
Simeone, A. M. 7798
Simeti, C. 4331, 8009
Simin, D. 2576
Simmons, M. 2040
Simmonds, N. W. 2883
Simmons, E. G. 3886
Simmons, G. L. 5106
Simmons, N. D. 6253
Simon, A. 308, 3272 Simon, A. 308, 3272 Simon, A. M. 8136-8137 Simon, A. M. 8136-8137 Simon, J. 8110 Simon, J. L. 2834 Simoneau, P. 1920 Simonian, L. 6225 Simons, S. A. 6732 Simonse, M. P. 6936 Simpson, C. E. 1076 Simpson, D. 7124 Simpson, J. A. 6805, 8097 Simpson, T. J. 5288 Sims, K. F. 8166 Simundsson, E. 26 Simundsson, E. 26 Sin, G. 7410 Sinclair, J. B. 3635, 4547, 5374, 6070 Sinclair, W. A. 5109-5110, 8054 Šindelář, L. 5016 Šindelářová, M. 5016 Sinden, J. A. 8069 Sindermann, A. B. 1603 Sindermann, A. E. 1062 Sindhan, G. S. 6044 Sindhan, G. S. 6044 Singal, H. R. 4582 Singer, G. M. 1732 Singh, A. 627, 1383, 3330, 4106, 5766, 7487, 8309 Singh, A. K. 282, 3180, 5898 Singh, B. 8272 Singh, B. 8. 1625, 4569, 7480 Singh, B. B. 1625, 4569, 7480 Singh, B. G. 2360-2361 Singh, B. M. 64, 1084, 4105, 5903, 6052, 7482, 7619 Singh, B. N. 815 Singh, B. P. 952, 4742, 5872, Singh, C. P. 7828 Singh, C. S. 128, 144, 1103, 1793, 3816 Singh, D. 1098, 2355, 5753-5754, 5759, 5805, 6297, 6519, 7669 Singh, D. K. 7828 Singh, D. P. 1625, 2062, 2384, 4168, 4569, 5626, 5631 Singh, D. V. 5539, 6458, 7470, 7485-7486 /4/0, /485-/486 Singh, G. 1087, 4810, 7052, 8267, 8280 Singh, H. 796, 888, 1029, 1098, 1717, 1719, 1724, 4807, 5297, 7065, 7067, 7125, 7169 Singh, H. B. 627, 4493, 5292, 8285 Singh, H. P. 132

Singh, 1, 720, 739 Singh, J. 1103, 5193, 6937, 7596 Singh, J. B. 3080 Singh, J. B. 3080 Singh, K. 172, 1132-1133, 4345, 4624, 5034 Singh, K. B. 3658, 5189 Singh, K. G. 6149 Singh, K. P. 264, 6907 Singh, L. 1933 Singh, M. 642, 5413, 5695 Singh, M. J. 3040, 6937 Singh, M. P. 8331 Singh, N. 3305 Singh, N. I. 7662 Singh, N. K. 1334 Singh, O. 3656, 6085 Singh, O. S. 156 Singh, P. 4810 Singh, P. D. 6902 Singh, P. J. 7505 Singh, P. P. 802, 7158, 7481, 8164 Singh, R. 688, 1191, 1383, 2027, 2334, 4582, 5834, 5996 Singh, R. A. 4108, 6971 Singh, R. B. 4576 Singh, R. B. 4576 Singh, R. D. 634, 3646, 8276 Singh, R. D. N. 798, 1997 Singh, R. K. 786-787, 2667, 4854, 6698, 7226, 7629 Singh, R. L. 5296, 5302 Singh, R. N. 4887, 5656, 5708, 7856-7857, 8149, 8257 Singh, R. P. 40, 143, 155, 159, 722, 1443, 2193, 2347, 3330, 4345, 5291, 5695, 6409, 7027, 7072, 7458, 7691 Singh, R. R. 633 Singh, R. S. 130, 156, 4578 Singh, R. S. 130, 156, 4578 Singh, R. S. 7125 Singh, R. V. 39, 7487 Singh, S. 294, 760, 888, 1427, 1529, 2929, 4057, 5139, 6080, 6770, 7158, 7169, 7463, 7481, 7724, 8023 Singh, S. B. 540, 7476 Singh, S. D. 809, 811-812, 5624, 5638, 6504, 6507 Singh, S. J. 5663, 8255, 8315 Singh, S. K. 693, 723 Singh, S. K. 693, 723 Singh, S. N. 148 Singh, S. P. 1625, 4533, 6702 Singh, S. S. 4881 Singh, T. 6297 Singh, U. P. 264, 3027, 3839, 5192, 6907 Singh, U. S. 1191 Singh, V. 1601, 5017, 5029 Singh, V. P. 5695 Singh, Y. P. 130 Singh, Y. P. 130 Singhal, B. K. 4264 Singhania, D. L. 5846 Singleton, L. L. 7510 Sinha, A. K. 282, 2647, 6003, 7402, 7447, 7496 Sinha, A. P. 1132-1133 Sinha, K. K. 2059, 7447, 7556 Sinha, P. 4378 Sinha, P. P. 5149, 5998, 6677, 8176 8176 Sinha, R. C. 1912 Sinha, R. K. P. 5164 Sinha, T. S. P. 4382 Sinigaglia, C. 6731, 6779 Sinigovets, M. E. 5558 Siniscalco, A. 3253, 6931, 6935 Sippell, D. W. 1031 Siqueira, J. O. 167, 677, 1779, 3820, 4635, 6328, 7131, 7149 Siradhana, B. S. 4059, 4079, Siradhana, B. S. 4059, 4079, 5624, 5637, 6002, 6504, 6507, 7563
Sîrbu, M. 7877
Sisler, H. D. 2346, 3119, 6255
Sisterna, M. N. 7498

Sisto, A. 914 Sisto, D. 6932 Sita Bhagat 4520 Sitansu Pan 1639, 1643 Sitaramaiah, K. 130, 140 Sitepu, D. 7904 Siva Prasad, V. 3642 Sivakadadcham, B. 3650 Sivamani 7420 Sivamani, E. 7829 Sivan, A. 1931 Sivanesan, A. 2181, 5415-5416, 7254 Sivaprakasam, K. 630, 644, 2011, 2377, 7404, 8246, 8248, 8257 Sivaprasad, P. 3833, 4710, 5331 Sivasithamparam, K. 170, 308, 2086, 3174-3175, 3272, 4820, 6035, 7499, 7821 Siwecki, R. 1513, 1537 Skaggs, B. L. 5107 Skärby, L. 5113-5114, 8088 Skärby, L. 5113-5114, 8088 Skidmore, M. W. 6451 Skiebe, K. 971 Skipp, R. A. 4928, 5722, 7749 Skirvin, R. M. 6844 Skopp, R. N. 3242 Skotnicki, M. 7363 Skou, J. P. 1774 Skoudridakis, M. T. 4411 Skre, O. 1499 Skripka, O. V. 8214 Skryabin, K. G. 3499, 5909 Skrzeczkowski, J. 7920 Skrzypczak, C. 6595 Skurygina, N. A. 4797 Skuzeski, J. M. 229 Skuzeski, J. M. 229 Slabas, A. R. 5492 Slack, S. 75 Slack, S. A. 469, 7098-7099 Slade, D. E. 4771 Sleat, D. E. 249, 3534 -Sleper, D. A. 6601 Sletten, A. 3334 Slightom, J. L. 3940 Slininger, P. J. 1821 Slivinskava, R. B. 7880 Slivinskaya, R. B. 7880 Slobodyanyuk, V. Ya. 648 Slopek, S. W. 5582 Slopek, S. W. 5582 Slusarenko, A. J. 1650 Slusarenko, J. R. 3622 Slusarski, C. 4372 Small, A. 51 Smalley, E. B. 193 Smallidge, P. J. 1502 Smarda, J. 709 Smart, L. B. 3416 Smart, M. G. 3292-3293 Smedegaard-Petersen, V. 5603 Smedegaard-Petersen, V. 56 Smelyanets, V. P. 4796 Smewin, B. J. 1630 Smiley, R. W. 286-287 Smillie, R. H. 1729, 3768 Smirnova, L. A. 2591, 7474 Smit, B. A. 6303 Smit, E. 1205 Smit, G. 1319 Smit, G. 1319 Smith, A. R. W. 3099 Smith, B. 7803-7804, 7818 Smith, B. E. 519 Smith, B. J. 1420 Smith, C. E. 3936 Smith, C. M. 6437 Smith, D. 7296 Smith, D. A. 8193 Smith, D. G. 5392 Smith, D. H. 623, 6887 Smith, D. H. 623, 6887 Smith, D. L. 1788 Smith, D. M. 6486 Smith, D. R. 123, 245, 8000 Smith, E. M. 2757, 2770, 4224, 7771 Smith, F. A. 5347 Smith, F. D. 3127, 4952 Smith, G. 1609 Smith, G. M. 5250 Smith, G. S. 4136 Smith, G. W. 1138 Smith, H. 1022

Smith, H. A. 492, 7339 Smith, I. W. 8093 Smith, J. 1262, 3890, 8304 Smith, J. A. 8177 Smith, J. E. 7108 Smith, J. M. 280 Smith, J. W., Jr. 6887 Smith, K. 51-52 Smith, L. T. 5250 Smith, M. A. 2117 Smith, M. L. 3158 Smith, O. D. 621-622, 1076 Smith, O. P. 5168 Smith, R. B. 3269 Smith, R. J. 6750 Smith, R. J., Jr. 5223 Smith, R. K. 6286 Smith, S. E. 5347 Smith, S. H. 5236 Smith, S. H. 5236 Smith, T. A. 1731, 5377 Smith, T. L. 3845 Smith, V. L. 900, 4455 Smith, W. H. 4402 Smith Downey, S. 6646 Smolin, V. P. 6473 Smolyak, Yu. L. 1559 Smreciu, E. A. 178 Smrž, J. 2126 Smrž, J. 2126 Smurygin, M. A. 7747 Smutkupt, S. 1063 Snacken, F. 2032, 3097 Sneath, B. J. 3091, 3095 Sneh, B. 3067, 6182 Snigierev, G. S. 1487 Snijders, C. H. A. 769-770, 1304-1305, 2618, 3275, 3277, 4033, 7509 Snow, G. A. 1544 Snow, J. P. 1951, 2367, 3637, 3639, 4864, 7689, 8211 Snowdon, P. J. 2468 Snyder, G. H. 6518 Snyder, G. H. 6518 Snyman, R. M. 7082 So, I. Y. 626 So, J. D. 626 Soare, T. 5172 Soberg, R. L. 409 Sobiczewski, P. 2460, 3418, 4212, 4231 Soboleva, N. A. 4756, 5362, Sobolik, B. S. 5861 Sobolik, D. M. 5861 Sobti, A. K. 4564, 6074, 6079 Society of Irish Plant Pathologists 2436-2437, 2441-2442 Sock, J. 4004 Söderhäll, K. 100 Söderström, B. 111 Soderstrom, D. 29 Soeda, Y. 4516 Soewarto 7949 Sogin, M. L. 3892 Sohi, H. S. 4160, 5794, 7651-7652 Sohoo, M. S. 888 Soileau, J. M. 6320 Sokhi, S. S. 321, 624, 802, 946, 1445, 7064, 7405, 7488, 7847, 7993, 8164, 8170 Sokolov, V. A. 4851 Sokolov, V. M. 4853 Solanki, C. A. 4992 Solanki, K. R. 1831 Solanki, R. S. 339 Soldatenkov, A. T. 7057 Soldade, M. 3597 Solel, Z. 3313, 3986, 4454, 5119-5120 5119-5120 Solfrizzo, M. 1350 Solheim, H. 1543, 5089 Soliman, H. N. 6840 Solodkaya, L. A. 2728 Solodukhina, O. V. 7545 Solomon, J. D. 985 Solomon, J. J. 2183 Solomon, R. M. 471 Solomon, S. 7962 Solovijev, A. G. 5488 Solovyev, A. G. 7356

Solozhentsev, P. D. 4929 Soltes, E. J. 555 Somani, A. K. 4332, 5886 Somani, R. B. 2387, 2413 Somari Giri 1712 Somar Ghr 1712 Somerville, L. 2468, 3736 Somerville, S. C. 1977, 6949 Somlyay, I. M. 6218 Sommermeyer, G. 1263, 3473 Somodi, G. C. 5058, 5928-5929 Somogyi, A. 7040 Somowiyarjo, S. 7350 Somssich, I. E. 4995 Sonar, K. R. 141 Sondengam, B. L. 6262 Sônego, O. R. 7848 Song, H. S. 1061, 1083 Song, H. W. 448 Song, M. S. 7680 Song, M. S. 7680 Song, R. Q. 4451 Song, S. L. 4423 Song, Y. S. 991, 1011 Songa, W. P. 8279 Songlin, P. J. 2115 Soni, K. K. 4443 Soni, N. 7962 Soni, P. S. 1028 Sonnin A. 7921 Soni, P. S. 1028 Sonnino, A. 7921 Sonoda, R. 1368, 4893 Sonoda, R. M. 1391, 3676, 4134, 4139, 4203, 7799 Sood, A. K. 6046, 7482 Sorbo, G. del 7708 Sorensen, E. L. 5724 Sorensen, L. H. 5880 Soria, C. 2340-2341 Soria, C. 2340-2341 Soriano, J. D. 1070 Sorongon, P. M. 3300 Soshnikova, E. A. 4799, 7459 Sotirova, V. 2901, 5056 Sotirova, V. G. 1480 Soto, R. 6610 South African Society for Plant Pathology 6157 Southcombe, E. S. E. 6230 Southerton, S. G. 4007 Souza, L. G. 6544 Souza, L. G. 6544
Souza, S. M. de 1546
Souza, V. B. V. de 3323, 3678
Souza-Dias, J. A. C. de 1264
Sovljanski, B. 6133
Soytong, K. 332, 2661
Soyza, T. V. W. de 5028
Sozinov, A. A. 7344
Sozzi, D. 6267
Spaar, D. 661 Spaar, D. 661 Špaček, J. 8051 Spadone, J. C. 4144 Spain, J. L. 1772 Spak, J. 1026 Spanos, A. 200 Sparace, S. A. 3363 Sparapano, L. 5364, 8116 Sparapano, L. 5364, 8116 Sparrow, D. H. B. 2625, 3279 Specht, L. P. 3276 Specht, W. 5279 Spelsberg, G. 1565 Spena, A. 7013 Spencer, G. F. 196, 4725 Spencer, P. A. 4645 Spetsov, P. 2609 Spezia, S. 6280 Spieker, R. L. 377 Spezia, S. 6280 Spieker, R. L. 377 Spiers, A. G. 2269, 8048 Spirina, N. V. 2601, 2612 Spitters, C. J. T. 754-755 Splittstoesser, W. E. 317 Spök, A. 1688 Spooner, B. M. 209 Spotts, R. A. 1408, 3431, 5767 Spradlin, T. 6388 Spreer, M. 3371 Sprenkel, R. 6814 Spruijt, R. B. 6410 Spurr, H. W., Jr. 2890, 6180, 6753 6753 Spynu, E. I. 6223 Squillace, A. E. 1545 Sreenivasa, M. N. 5353, 6333 Sreenivasan, M. S. 2049

Sreenivasan, T. N. 6433 Sreenivasaprasad, S. 3308, 4785 Sreenivasulu, B. 1713, 7073 Sreenivasulu, P. 3642, 6887 Sreeramula, A. 7645 Sridhar, R. 5653, 7586, 7597 Srifah, P. 3929 Sributtagum, M. 6025 Srihuttagum, M. 6035 Srikant Kulkarni 307, 310, 1953, 1963, 2150, 3485, 4424, 5579, 7475 Srinivasan 4644 Srinivasan, N. 7900 Srinivasulu, B. 4086 Srivastava, A. K. 4201, 6913 Srivastava, H. P. 5354 Srivastava, K. D. 5539, 7470 Srivastava, K. M. 6577 Srivastava, K. P. 6841 Srivastava, L. S. 931, 1050, 4407, 8183, 8265 Srivastava, M. P. 8023 Srivastava, P. K. 6924 Srivastava, R. C. 6681 Srivastava, S. 1933 Srivastava, S. K. 7066 Srivastava, V. K. 1712 Srivastava, V. K. 1712 Staal, G. B. 2099 Stace-Smith, R. 1245, 7323 Stachewicz, H. 2867, 3151, 3510, 5021, 5242 Stack, J. 3067 Stack, R. W. 530 Stack, R. W. 530 Stadelmann, E. J. 6479 Staehle-Csech, U. 6481 Stage, A. R. 527 Stahl, P. D. 1192, 2505 Staley, J. M. 6569 Stall, R. E. 663, 832, 3111 Stalpers, J. A. 3890 Stamburski, C. 4775 Stamenković, S. 2130 Stamova, L. 2903, 5057 Stan, H. J. 4665 Stanarius, A. 2545, 4761. Stanarius, A. 2545, 4761, 4845, 5128 Stancheva, I. 2903 Stancheva, J. 5057 Stančk, M. 2358 Stanfield, D. B. 5943 Stangeld, C. P. 6227 Stangelberger, J. 2558 Stanghellini, M. E. 1628, 3614 Stankev, G. 2888, 5035 Stanković, M. R. 5622 Stanley, C. D. 6780 Stanley, J. 6405, 7365 Stanosz, G. R. 5080, 8077 Stanová, M. 2133 Stansly, P. A. 1143 Staples, R. C. 3159, 6349 Stapleton, J. J. 3479, 4207, 6953, 7229 Starikova, D. A. 5198, 6916 Stancheva, I. 2903 Starikova, D. A. 5198, 6916 Stark, D. M. 3936 Stark, J. C. 5880 Starke, D. 123 Starkey, D. A. 987 Starmer, W. T. 2095 Starodub, I. L. 5869 Starrodub, I. L. 5869 Starratt, A. N. 7019 Stashenko, E. V. 7057 Staskawicz, B. J. 2414, 3106 Stasny, T. 2426 Stasovski, E. 5987, 7132 Stasz, T. E. 6381, 6387 Staszewicz, M. 3503 Statler, G. D. 5564 Stäubli, A. 5306 Stead, D. E. 3111, 3666, 5269 Steadman, J. R. 3007-3008, 5160 5160 Steck, B. 6274 Steck, T. R. 2451, 5255 Steck, U. 735 Stecl, C. C. 1722, 6283, 7048 Stefanac, Z. 391 Stefanelli, D. 3619 Stefani, E. 2882 Stefaner, B. L. 1325, 6435 Steffenson, B. J. 1325, 6435

Stegehuis, G. J. 3890 Steger, G. 3209, 5455 Stegner, G. 2460 Steigerwalt, A. G. 1685 Stein, A. 381, 2093 Steinberger, E. M. 2457, 6204 Steinbiss, H. H. 3912, 3933 Steinbrenner, B. 3727 Steinbrenner, K. 1938, 3273 Steiner, P. 4214 Steiner, P. W. 3407, 3409-3411 Steinkellner, H. 3942, 7348 Stekol'shchikov, M. V. 5551 Stellmach, G. 4295 Stel'makhova, T. F. 1016 Stel makhova, 1. F. 1016 Stelzner, C. 4994 Stempel, L. 4379 Stenger, D. C. 1100, 3537 Stenina, N. P. 8087 Stenlid, J. 3811, 4728 Stenstrom, E. 87, 5428 Stepanovskikh, A. S. 4838 Stephan, B. R. 4750 Stephan, B. R. 4758 Stephens, C. T. 638, 2965 Sterk, G. 5306, 6620 Stermer, B. A. 5051 Steurbaut, W. 1710 Steva, H. 1481, 4288 Stevanović, D. 3038 Stevens, G. R. 652 Stevens, L. 7434 Stevenson, W. R. 2185, 4329 Stewart, E. L. 1758 Stewart, G. H. 8044 Stewart, J. N. 1821 Stewart, W. K. 5095 Sticklen, M. B. 6789, 8061, 8063 Stienen, H. 2949 Stiern, H. 2949
Stier, J. C. 3358
Stierle, A. C. 3684
Stigter, H. C. M. de 2720
Stijger, C. C. M. M. 6936
Stijve, T. 5279
Still, P. E. 3655 Stinchcombe, G. R. 575, 5593 Stinner, B. R. 6164 Stintzi, A. 6744 Stipanovic, R. D. 2687 Stirling, A. 6131 Stites, J. 364 Stites, J. 364 Stobbe, E. H. 278 Stobbs, L. W. 4595, 4612, 4615, 5980, 6131 Stock, R. 1563 Stöcker, R. 1457 Stodola, A. J. W. 1787 Stoessl, A. 3148 Stoimenova, E. 3202 Stojadinovic, B. 988 Stol, W. 3243, 4795 Stol, W. 3243, 4795 Stolzenberg, G. E. 32 Stone, A. L. 5168 Stone, D. 1885 Stöppler, H. 6319 Stordeur, R. 4427 Storti, E. 4331, 7397, 8009 Stösser, R. 919 Stott, I. P. H. 6482 Stout, B. B. 1490 Stout, T. J. 7183 Stover, R. H. 3460 Stowell, L. J. 5225 Stowell, L. J. 5225 Stoyanov, I. 2578, 6442 Stoyke, G. 6335 Strack, D. 7113 Straker, C. 684 Straker, C. 684 Strandberg, J. O. 1214 Strass, F. 3247 Stratton, J. W. 5307 Straub, B. 1045 Strel'nikova, T. F. 6012 Stretch, A. W. 2138 Stribley, D. P. 675, 6324 Strike, P. M. 3198 Stringer, W. C. 2113, 7735 Stritar, A. 1152 Strobel, G. 5387, 718 Strobel, G. 5387, 718,

Strobel, G. A. 1879, 1979. 2514, 3684, 4023, 6946, 7401, 7542, 7822 Strobel, N. E. 5109-5110 Strobel, S. 4023, 7183 Stroiński, A. 477, 2198 Strömberg, A. 2564
Strongin, A. Y. 3729
Stroshine, R. 1337
Strullu, D. G. 5352, 6300 Strzelczyk, E. 88, 8227 Stubbs, R. W. 3263, 5566 Stubenrauch, G. 1688 Stuchliková, E. 746, 748, 752 Stuckey, R. E. 613 Stumm, W. 6287 Stummann, B. M. 1902 Stummann, B. M. 1902 Stumpf, M. A. 3159 Stunter, G. 7383 Sturm, A. 2337 Sturz, A. V. 4025 Stuteville, D. L. 417, 419, 5724 Stutz, J. C. 6706 Su, H. J. 1813, 4977 Su, H. S. 14 Su, K. J. 4464 Su, S. J. 2887 Subandiyah, S. 8238 Subba Rao, B. L. 4875 Subbaraja, K. T. 4996 Subki, A. 5799 Subrahmanyam, P. 1072, 6883, 6888, 8222 Subramaniam, P. 1745 Subramaniam, V. 540 Subramanian, S. 2819 Subramanyam, K. 5579 Suchita Bhandari 7503 Sudesh Kumari 7242, 7248 Sudha Bohare 3004 Sudha Mall 4330, 7931 Sudhakar, P. 8226 Sudhesh Kumari 3226 Sudhir Chandra 134, 7084, Sudnir Chandra 134, 7084, 7449, 7672-7674
Suemitsu, R. 5432, 6108, 8302
Suemune, H. 53
Suett, D. L. 41-42
Sugahara, S. 7991, 8018
Sugar, D. 2776, 2780, 4239
Sugar Beet Research and Educetton Committee 2321 cation Committee 2321 Sugawara, F. 3169, 4023, 5387, 7183 Sugawara, H. 2326 Sugawara, M. 7372 Sugha, S. K. 4105, 5903, 7619 Sugiin, N. 2081 Sugii, N. 2081 Sugimori, M. H. 7867 Sugimoto, S. 4516 Sugimoto, T. 8129 Sugiyama, J. 5427 Sugiyama, S. 5197, 5963 Suh, H. S. 8206 Suh, H. W. 7105 Suhag, L. S. 6037, 6126, 8139 Suharti, M. 4414 Suian Singh 1529, 2929 Sujan Singh 1529, 2929 Sujata Saha 2231 Sukhanberdina, E. Kh. 8138 Sukhomlin, M. N. 7281 Sukhwant Singh 7158, 7481 Sukhwinder Kaur 624 Sukumar Gupta 2231 Sulaeman, H. 2195 Sulistyowati, L. 4131 Sullia, S. B. 595 Sullochana, K. K. 5331 Sulochana, T. 3144 Sulová, Z. 1209 Sultana, N. 1021, 1107 Sultana, S. 7076 Suma, M. 7595 Suman, B. C. 8294 Sumathykuttvamme, P. Suman, B. C. 8294 Sumathykuttyamma, B. 3492 Sumbali, G. 7791, 7793, 7800 Sümer, S. 569 Sumita Ghosh 2369 Summa Phytopathologica 6158 Summerbell, R. C. 7106

Summerell, B. A. 774, 7186 Summerhill, W. 6814 Summers, C. G. 6825 Sumner, D. R. 2997, 4500 Sun, D. 1811 Sun, D. M. 6057 Sun, D. R. 6895, 8233
Sun, G. G. 3237
Sun, G. G. 3237
Sun, G. L. 7512
Sun, I. J. 1012
Sun, J. W. 2940
Sun, J. Z. 448, 5698
Sun, L. J. 1012, 2296
Sun, S. K. 2353
Sun, Y. J. 6043
Sun, Z. M. 6369
Sun, Z. Q. 6057
Sunaina Waghray 6520
Sundas, D. K. 1615
Sunder, S. 2027, 4106
Sung, P. Q. 6547
Sung, S. S. 1748
Sunita Dalal 149 Sun, D. R. 6895, 8233 Sunita Dalal 149 Sunita Lal 4345 Sunita Ear 4545 Sunita Sen 463, 7884 Sunita Thakur 2334 Sunter, G. 1257, 4769, 7387 Sunter, G. 1257, 4769, 73 Suparyono 324, 4072 Süper, E. 6968 Supriadi 2164 Suprun, L. M. 5578 Suprun, V. I. 5869, 7927 Suranto, T. A. 2224 Surdu, Ş. 7547 Suresh, G. L. 2360 Suresh, K. 4330, 7931 Surgeoner, R. 4786 Suriachandraselvan, M. 817, 4314, 7903 Surico, G. 914, 5267, 5364 Surin, N. A. 5591 Surjan Singh 6770 Surject Singh 8023 Suryanarayana, S. 4765 Susac, K. 1147 Susheela Sankaran 5818 Sushil Sharma 5765 Sushma Nema 593, 4575 Sushma Nema 593, 4575
Suske, J. 4469
Suslow, T. 6394
Süss, A. 2583
Sutherland, E. D. 5210
Sutherland, G. D. 527
Sutherland, K. G. 6830
Sutherland, P. W. 639
Sutinen, S. 5114
Sutton, B. C. 7208, 7254, 7277-7279
Sutton, J. C. 724, 1313, 3988, 5439, 5540, 6664
Sutton, T. B. 429, 1411, 3394, 3397-3398
Suvorova, G. S. 4805 Suvorova, G. S. 4805 Suwarto 2220 Suwarto 2220
Suyama, K. 2225, 4920, 7941
Suzaki, S. 2822
Suzui, T. 1129
Suzuki, A. 2225, 4920
Suzuki, J. 7925
Suzuki, J. 7925
Suzuki, M. 256
Suzuki, M. 256
Suzuki, M. 3921, 7371-7372
Suzuki, T. 1682, 7991
Suzuki, T. 1682, 7991
Suzuki, Y. 190, 3199
Svalheim, Ø. 8160
Svedelius, G. 587 Svedelius, G. 587 Svendsen, I. 5592 Svetov, V. G. 3586, 7453 Svircev, A. M. 6644, 6750 Svircev, A. M. 6644, 6750 Sviridov, A. A. 2848 Sviridov, A. V. 2984 Swain, N. C. 625, 6094 Swales, K. W. 5104 Swan, D. J. 7502 Swan, J. A. 1785 Swanepoel, A. 842 Swanson, M. M. 7332 Swanson, R. H. 5097 Sward, R. J. 2395, 5719, 6106 Swart, W. J. 5103, 5952, 6792, 6802, 8098

Swartz, H. J. 6658 Swarup, J. 5193 Sweden, Research Information Centre, Swedish University of Agricultural Sciences 3691 Sweeney, M. J. 4901 Sweet, J. B. 4484 Sweet, J. B. 4484
Sweetingham, M. W. 5735
Swiecki, T. J. 2266
Świeżyński, K. M. 2196
Swings, J. 1699, 3111, 3309
Swithenbank, C. 3749, 6261
Switzerland, Bundesamt für Forstwesen und Landschaftsschutz 1494-1495 Switzerland, Eidgenössische Anstalt für das Forstliche Versuchswesen 1494-1495 Sy, A. A. 3303 Syahril, D. 819 Syahrii, D. 819 Sydenham, E. W. 1937, 4731 Sylvia, D. M. 125, 1789, 3828 Symeonidis, L. 2506 Symons, R. H. 231, 5477 Syôno, K. 662 Syono, K. 5253 Syrgianidis, G. D. 2741, 3440 Syukov, V. V. 7490 Syvertsen, J. P. 4706 Sz. Nagy, G. 4839 Szabó, Z. 7059 Szántó, M. 7116 Szécsi, Á. 3852 Szécsy, V. 47 Szécsy, V. 47
Szerszen, J. B. 3648
Szewczuk, V. 7181
Sziráki, I. 5603
Szmidt, R. A. K. 4365
Szyndel, M. S. 8003
Tabei, H. 1277, 4895, 7834
Taber, R. A. 622-623
Tabien, R. E. 7634
Tabiki, T. 3657
Tachihana H. 3015 Tachibana, H. 3015 Tacke, E. 7355 Tacon, F. le 79-80, 3795, 5338 Tadesse Mulatu 6509 Tadesse Mulatu 6509
Taga, M. 794
Täglich, U. 4745
Taha, A. H. Y. 3821-3822
Taha, K. H. 4354
Tahar, S. B. 259
Tahara, S. 3121, 7206
Taher, M. M. 7655
Tahvonen, R. 3991
Tai D. S. 2267 Tai, D. S. 2267 Tai, G. C. C. 722 Tainter, F. H. 987, 3579, 4450 Tait, D. E. N. 3580 Taiwan, Taichung District Agricultural Improvement Station 2433 Taiyab, M. 282 Taiyab, M. 282
Tajimi, A. 1276, 1727
Tajnšek, T. 4833
Takabe, K. 2527
Takagi, K. 3178
Takahashi, F. 4891
Takahashi, H. 256, 6745
Takahashi, H. 3927, 3930
Takahashi, M. 3927, 3930
Takahashi, N. 3169, 7183
Takahashi, S. 4951
Takahashi, T. 1985, 2544, 5480 5480 5480 Takahashi, Y. 1129, 4876 Takamatsu, N. 1900, 5465 Takami, Y. 1456 Takanami, M. 1673, 7002 Takanami, Y. 1259, 7313-7314, 7351-7352, 7979 Takase, Y. 7991 Takasugi, M. 577, 4597 Takatsu, A. 1102 Takatsu, A. 1102 Takatsu, A. 1102 Takeda, F. 440 Takeda, H. 7785, 8156 Takeda, K. 3841, 4676, 7174-Takeda, S. 1369, 2322, 4889,

Takemoto, J. Y. 2225, 4652 Takemoto, Y. 494, 2197 Takenaka, M. 7616 Takeuchi, S. 3199, 6816 Takeuchi, T. 2664, 3057, 4822 Takeuchi, Y. 5366, 6030, 8210 Takikawa, Y. 1431, 5087, 5269 Takimoto, Y. 3784 Taksdal, G. 6291 Tal, M. 479 Tal, M. 479
Tal'ansky, M. E. 5916
Taleva, A. 7091
Taliansky, M. E. 7310, 7326
Tal'yanskii, M. E. 5909
Tamada, T. 5971
Tamaki, S. J. 2372
Tamamoto, S. 1673
Tamietti, G. 2517, 3963, 6710
Tamimi, K. M. 5574, 7007
Tamori, M. 1210, 4511
Tamura, H. 4477 Tamura, H. 4477 Tamura, H. 447/ Tamura, O. 4822 Tan, A. M. 5026, 7947 Tan, C. S. 5159 Tan, G. Y. 265 Tan, S. S. 2291, 4464 Tan, W. K. 265 Tan, Y. J. 6895, 8233-8234 Tanabe, K. 3374
Tanabe, M. 2066
Tanabe, M. J. 2078, 2082
Tanaka, C. 1199, 4912
Tanaka, E. 4098
Tanaka, F. 4822
Tanaka, F. 4822 Tanaka, H. 1464, 4653 Tanaka, K. 533, 8299 Tanaka, S. 6000 Tanaka, T. 3600, 4829 Tanaka, Y. 2422 Tanase, D. 7547 Tanda, S. 878 Tandon, D. K. 7831 Tandon, I. N. 909 Tandon, J. N. 909
Tandon, J. P. 39
Taneja, N. K. 8143
Tang, G. Y. 8233
Tang, J. 2293, 3582
Tang, J. L. 6007, 6212
Tang, Y. P. 1551
Tang, Z. Y. 1767
Tangonan, N. G. 1340, 3295, 3300 3300 Tanguy, X. 1025
Taniguchi, T. 669, 2396
Taniwaki, M. H. 4956
Tanksley, S. D. 6522
Tanne, E. 6689
Tanzi, M. 3043
Tao, J. 5617
Tapia, M. de 4534, 7385 Tapia y Figueroa, M. 2753 Tapio, E. 7437 Tapper, B. A. 5720, 7741-7742 7/42 Tarabeih, A. M. 6703 Tarabrin, G. A. 4818 Tarducci, S. 6687 Tariq, V. N. 7151 Tarulata Parida 5653 Tarvainen, O. 5958 Tashi Dawa 2386 Taslakhch'yan, M. G. 6364 Tatnell, J. A. 594 Tatsuno, T. 8104-8105 Tatsuyama, K. 1571
Tatum, J. H. 7205
Tavantzis, S. M. 2202, 4738
Tavares, K. 5306
Tavares Nogueira, M. F. R. 3296 Tavazza, R. 7921 Tavert, G. 246, 1907 Tawakkol, M. S. 6263 Tay, E. B. 2570, 2576 Tay, F. C. S. 5951 Taya, R. S. 6088, 8271 Taylor, A. 5392 Taylor, A. C. 6485 Taylor, A. F. S. 89, 2496 Taylor, C. E. 3909, 3956

Taylor, D. R. 7595 Taylor, G. E., Jr. 5106-5107 Taylor, G. S. 6107 Taylor, J. D. 601-602, 1126, 8188 Taylor, J. E. 5934 Taylor, J. L. 8142 Taylor, J. W. 3814, 7153 Taylor, M. A. 926 Taylor, N. 594 Taylor, N. L. 2726 Taylor, P. 2828 Taylor, P. W. J. 489 Taylor, R. 5275
Taylor, R. J. 957
Taylor, R. S. 5314
Tchouankeu, J. C. 6262
Teakle, D. S. 5043, 7733 Teakie, D. S. 5043, 7733 TeBeest, D. O. 1572, 4642, 5215, 5222, 7763 Tecle, B. 6264 Tedford, E. C. 1455, 1460 Teetes, G. L. 1140 Tegegn, G. 6509 Tehabsim, A. 5512 Teich, A. H. 4036, 4058 Tekauz, A. 777, 784, 1324 Telan, I. F. 311 Telan, I. F. 311
Teleutsa, A. S. 6874
Téliz, D. 5787
Teliz, D. 4245
Téliz Ortiz, D. 5785-5786
Temkin-Gorodeisky, N. 6846
Temperli, E. 4724, 7165
Temple, P. J. 2251, 2691
Temple, S. R. 6825
Templeton, M. D. 639, 8190
Temsah, M. 7728
Teng, P. S. 2212, 2656, 5444, 7621-7623
Tenga, A. Z. 2914 Tenga, A. Z. 2914 Tenhaken, R. 5191 Tennigkeit, J. 5252 Teny, S. Y. 1500 Teodorescu, G. 7809 Teotia, N. 1933 Teotia, R. S. 1933 Tepfer, M. 3540 Tepper, C. S. 8191 Terada, T. 1571 Terada, I. 15/1 Teramura, A. H. 2346 Teranaka, M. 247, 4507 Terashita, T. 2101 Terekhov, V. I. 7474 Terent'ev, D. V. 7427 Terhune, B. T. 3159 Teri, J. M. 5157, 8325 Terlizzi, B. di 2823 Termorshuizen, A. 3190 Termorshuizen, A. J. 90-93 Terouchi, N. 662 Teroucht, N. 662
Terplan, G. 2583
Terry, P. J. 3
Terteac, D. 6765
Tessier, B. J. 1053
Tessier, D. 29
Teter, Z. Yu. 8260
Teviotdale, B. L. 5083, 6918, 7767 7767 7767
Tewari, D. K. 6681
Tewari, J. P. 5639, 5986, 6326, 7145, 8148
Tewari, R. P. 8293
Tewari, V. P. 3027
Teycheney, P. Y. 246, 1907
Teyker, R. H. 2634
Thai, C. N. 6077
Thakur, D. P. 1041, 2651, 5634, 7412 5634, 7412 Thakur, J. N. 6285 Thakur, M. P. 632, 6093 Thakur, P. C. 1027, 2409, 6040 Thakur, R. P. 805, 5636, 7580, 7582 Thakur, R. S. 7894 Thakur, S. 2334 Thakur, V. 6629 Thaler, I. 378 Thamburaj, S. 1184

Thanassoulopoulos, C. C. 1434, 5672 Thangal, M. H. 4103 Thankamma, L. 1511 Thapar, H. S. 85 Thareja, R. K. 8023 Thatai, S. K. 7668 Theiler, R. 3090, 3100 Theohari, I. 3952 Theohari, I. 3952 Theron, D. J. 3516, 5884 Thibault, B. 2779, 3423, 4248 Thibault, J. 1540 Thibault, P. 6008 Thiel, P. G. 1937, 4731 Thiele, A. 2617 Thiele, M. 2617 Thiele, S. 468 Thier, H. P. 5279 Thies K. L. 6696 Thies, K. L. 6696 Thies, W. G. 8108 Thind, B. S. 3653, 8242, 8287 Thind, S. K. 7668 Thind, T. S. 925, 946, 1445, 5819, 5988, 7064, 7405, 7847, 8164 Thinggaard, K. 2348 Thinlay 1423 Thite, A. N. 2850 Thoen, D. 94 Thomas, A. C. 2833, 3481 Thomas, B. 1139, 6239 Thomas, B. J. 1396, 4927 Thomas, C. A. 6061 Thomas, C. E. 1042, 3613, 5982 Thomas, C. J. R. 3943 Thomas, D. 5365 Thomas, D. J. 6878 Thomas, J. E. 4584, 7375 Thomas, M. D. 2009 Thomas, M. R. 2594 Thomas, P. E. 1247, 3915, 8002 Thomas, P. L. 1202, 3278 Thomas, P. S. 5813 Thomashow, L. S. 3271, 6289 Thomason, B. 2050 Thombre, P. A. 3012, 6877 Thombre, P. A. 3012, 6877 Thombson, P. R. 5173, 6061 Thompson, C. M. 2679, 4143 Thompson, D. M. 4335 Thompson, G. J. 1465 Thompson, G. J. 1465
Thompson, J. N. 6979
Thompson, J. P. 3834, 7121
Thompson, R. A. 7618
Thompson, R. D. 6478
Thompson, R. W. 1395
Thomson, G. T. 1164
Thomson, M. J. 520-523
Thomson, S. V. 2748, 2762
Thomson, T. W. 4178
Thomson, W. T. 2464, 3735, 4655
Thompson, C. R. 8140 Thornton, C. R. 8140 Thornton, F. C. 6812 Thornton, P. K. 6215 Thottappilly, G. 3617, 5185 Thouvenel, J. C. 4565, 7945 Thrane, U. 3848, 7198 Thresh, J. M. 3681 Thurston, H. D. 2877 Thust, U. 3371 Thwin, M. N. 6427 Tia, E. 4565
Tian, S. M. 992, 5078
Tian, W. Z. 5534
Tian, Y. 1097
Tian, Z. J. 2300 Tian, Z. J. 2300 Tiburzy, R. 6349 Tidwell, T. 1762 Tidwell, T. E. 6029, 8166 Tiedemann, A. V. 3574, 7435 Tiedemann, S. von 5081 Tiemann, K. 6092, 8258 Tiffany, L. H. 2106 Tikhonenko, Yu. Ya. 7244, 7280 Tikoo, S. K. 5927 Tilak, K. V. B. R. 151, 676, 6321 Tilak, S. T. 7302

Tillard, P. 95, 97 Tillotson, P. M. 3778 Timina, L. T. 2985 Timme, G. 5310 Timmer, L. W. 2678, 4128, 4133, 4135 4133, 4135
Timmermans, M. C. P. 4056
Timmermans, Y. 3428, 4243
Timofeev, A. N. 2992
Timofeev, I. A. 4781
Timoshenko, I. I. 2852
Timoshenko, N. A. 710, 4317, 5460 5460 Timoshenko, Z. V. 2970, 8130 Timpe, U. 2546, 3207 Tinker, P. B. 675, 4690, 5318 Tiongco, E. R. 2657, 4088, 4878 Tippett, J. T. 5071 Tirilly, Y. 6771 Tirrò, A. 5804, 6928 Tiryaki, O. 7788 Tisserat, N. A. 2937 Tiunova, M. I. 8100 Tivari, R. K. 541, 1489, 4417 Tiwari, C. K. 8079 Tiwari, K. R. 6085 Tiwari, R. K. 7066 Tiyagi, S. A. 8312 Tjahjono, B. 7941 Tjamos, E. C. 4380, 5806 Tjarks, L. W. 5394 Tjitrosomo, S. S. 2220 Tkacz, B. M. 8112 Todd, J. W. 8218 Todisco, C. 3342 Todorov, I. 3042, 5205 Todorov, J. 3042, 5205 Todt, P. E. 5175 Togashi, J. 3728, 8171 Tohamy, A. 1378, 6853-6854 Toia, R. F. 6264 Toledo, A. C. D. 6592 Tiyagi, S. A. 8312 Tolado, A. C. D. 6592
Tolero, J. E. 5771
Toler, R. W. 401
Tolin, S. A. 1062, 5168
Tolkach, V. F. 380
Tolley, P. B. 4976
Tolmachev, V. V. 5000
Tomar, S. S. 5291 Tomas-Barberan, F. A. 3116 Tomas-Lorente, F. 3116 Tomasch, P. 6344 Tomasi, A. 3436 Tomasović, S. 1964 Tombras Smith, L. 5250 Tomenius, K. 4768
Tomikawa, A. 1473-1474
Tomita, H. 1151
Tomiya, T. 56 Tomiyama, M. 5489 Tomiyama, N. 7042 Tommerup, H. 5592 Tommerup, I. C. 170, 5325-5326 Tondje, P. R. 266 Tonini, A. 2817 Tonini, A. 2817
Tonkonog, G. V. 7468
Tonno, A. P. di 5716
Tooley, P. W. 2863
Torés, J. A. 1822, 8313
Toriyama, S. 2445, 3927, 3930
Torne, S. G. 6909
Toro T., S. 1772
Toros, S. 6241
Torre, G. della 7982
Torres H. N. 3218 Torres, H. N. 3218 Torronen, M. 1271 Torruella, M. 7336 Tortorino, G. 7397 Tosa, Y. 281, 7489 Tosi, L. 7982 Toth, D. 123 Toth, R. 123 Tounkara, N. B. 6882 Touraud, G. 4817 Tourvieille, D. 7873 Tourvieille de Labrouhe, D. 5001 Tousch, D. 3540

Tousignant, M. E. 1470-1471, 3209, 6766 Toussoun, T. A. 1929 Touze, A. 4540 Towers, G. H. N. 3148, 4645 Toyoda, H. 4653 Toyoda, K. 7523 Toyoda, K. 7523 Toyoda-Yamamoto, A. 10 Toyota, K. 7234, 8145 Toyota, L. 7233 Toyota, M. 43 Tozzini, A. C. 5015 Trachsel, H. 1898 Tracy, W. F. 4073 Trail, F. 1959, 3794 Trancheva, R. 2888, 5035 Trapero-Casas. A. 4572. 8 Trapero-Casas, A. 4572, 8283 Trappe, J. M. 1740 Traquair, J. A. 2351, Trask-Morrell, B. 650 Traud, J. 5282 Trautner, F. 2962 Traversa, E. 5673 Travis, J. 4226
Travis, J. 4226
Travis, J. W. 4233
Traynor, P. 7340
Treaster, S. A. 2757
Treat, C. L. 4073
Treglazova, N. V. 447
Tretkale, O. I. 7748
Tremaine, J. H. 5490 Tretkale, O. I. 7748
Tremaine, J. H. 5490
Tremblay, M. F. 1912
Trespeuch, J. 6273
Treutter, D. 4222, 4938
Trevathan, L. E. 744
Trevorrow, P. 6761
Trevors, J. T. 1832
Tribodet, M. 1025
Trigalet, A. 7015
Trigalet, Demery, D. 701 Trigalet-Demery, D. 7015 Trigo-Stockli, D. M. 417 Trilochan Singh 8004
Trinci, A. P. J. 1730, 1734, 1820, 3124, 4739, 5384, 6386, 7204
Triolo, E. 6820 Tripathi, B. K. 961 Tripathi, B. R. 2034 Tripathi, N. N. 2331, 6088, Tripathi, S. C. 5588 Tripathi, S. K. 4530 Tripathi, S. K. 4330 Tripathi, Y. C. 6907 Trivedi, K. C. 7054 Trivellas, A. E. 2469 Trnková, J. 939 Troedson, R. J. 8213 Troclestra, S. R. 654 Trofimets, L. N. 2853, 6719 Trolldenier, G. 1300 Trolldenier, G. 1300 Tronsmo, A. 424 Troshina, N. B. 7450, 7462 Trottet, M. 4817 Troumbis, A. Y. 3490 Trouvelot, A. 6318, 7134 Troyan, V. 3752 Trubitsyna, I. Yu. 5152 Trubitsyna, I. Yu. 5152 Trujillo, G. 6870 Trujillo, G. E. 6579 Trujillo, L. E. 7997-7998 Truneh, A. 5393 Truong, H. X. 497 Trus, S. M. 5869 Trus, S. M. 5869 Truszkowska, W. 7181 Tsaftaris, A. S. 1059 Tsai, B. Y. 3638 Tsai, C. C. 4348 Tsai, J. H. 790, 2968 Tsai, S. M. 3818 Tsai, S. W. 7549 Tsai, T. W. 6777 Tsai, W. H. 584, 4107, 4177, 7806 7806 Tsakiris, A. 8082 Tsamo, E. 6262 Tsamo, E. 6262 Tsang, M. 2072 Tsantrizos, Y. S. 7176 Tsao, P. H. 270, 2680 Tsarenko, V. P. 2801 Tsay, J. G. 2990, 6847, 6879 Tschanz, A. T. 3638, 5068

Tschen, J. 1866, 7700 Tschen, J. S. M. 856, 3235 Tseng, T. C. 6505 Tseng, W. T. 7395 Tseriotis, G. 6451 Tsialis, D. E. 2742 Tsiantos, J. 2782 Tsjui, H. 4891 Tsjui, H. 4891 Tsotsonos, P. 3149, 3758 Tsror, L. 2052, 2208, 2247, 2357, 5024, 6712 Tsuchiya, K. 1129, 7010-7011 Tsuchiya, T. 3657 Tsuchizaki, T. 1250, 4876 Tsuda, M. 1199, 3306, 4912, 6527, 7631 6527, 7631 Tsuda, T. 6279 Tsuge, T. 199, 3374, 5388, 6527 Tsuji, J. 6949 Tsukagoshi, N. 5390 Tsukagoshi, N. 5390 Tsukamoto, H. 7177 Tsukihara, T. 1915 Tsuneda, A. 3665 Tsuno, K. 3851, 7010-7011, 7325, 7362 Tsunoda, H. 8104-8105 Tsushima, S. 7648
Tsushima, S. 7648
Tsvetkov, S. 2578
Tsyplenkov, A. E. 5915, 6013
Tu, C. C. 3227, 4177, 7806
Tu, G. L. 8292
Tu, J. C. 4527, 4539, 5159, 6041 6041 Tuite, J. 1310, 1337, 2003 Tuite, J. F. 799 Tuitert, G. 3170, 6826 Tulas, M. T. 2576 Tulasi Raman 5818 Tulloch, P. A. 5493 Tully, J. G. 1923 Tulmann Neto, A. 886, 1048, 4269-4270 Tulsi Raman 5822 Turse, N. E. 1247, 5474, 5908, 6408, 6716, 7915
Tung, B. K. 2990, 6847
Turak, S. 2350
Turbek, C. S. 8193
Turchetti, T. 534 Turhan, G. 692 Turkensteen, L. J. 3513 Turková, V. 3539 Turnau, K. 96, 528, 4444, 4458-4459 Turner, D. R. 1897 Turner, J. G. 4363 Turner, J. T. 5183 Turóczi, G. 7457 Turov, G. S. 2614 Turpen, T. 242 Turpen, I. 242
Turunen, M. 8107
Tuset, J. J. 5306
Tuskan, G. A. 1010
Tuttobene, R. 343
Tuveson, R. W. 4646
Tuzun, S. 6754
Tuperkey, J. 6917 Tuzun, S. 6754
Tverskoy, L. 6917
Tverskoy, L. A. 636, 1636
Twumasi, J. K. 3023
Tyagi, R. N. S. 6096, 6700
Tyagi, S. 3670
Tyagi, S. P. 1793
Tyagi, V. K. 303, 313
Tyler, K. B. 589
Tylkowska, K. 6865 Tylkowska, K. 6865 Tyryshkin, L. G. 2604, 7460, 7467, 7473 Tyson, R. 6814 Tyulina, L. R. 4836 Tzawalla, Klopari, K. 1050 Tzavella-Klonari, K. 1059 Tzen, S. L. 6847 Tzeng, D. D. S. 4278, 6208 Tzeng, K. C. 4333, 6211, 6777 Uchida, K. 4676 Uchino, H. 2323, 2327 Uchiyama, T. 338 Uchiyama, T. 338 Uchrin, C. G. 5776 Udagawa, S. 7173 Udagawa, S. I. 3164

Udaka, S. 5390 Uddin, W. 287, 1401 Udeensi, N. 2562 Udensi, N. 1927 Udit Narain 208, 633 Uecker, F. A. 934, 8303 Ueda, H. 6279 Ueda, H. 6279 Ueda, S. 3987, 7440 Ueda, T. 3177, 4056 Ueda, Y. 1819 Uehara, K. 7834 Uehara, Y. 333, 977 Uematsu, S. 1043, 3567 Ueng, P. P. 3213, 3924 Ueno, H. 3113 Uesugi, C. H. 7010-7011 Ugaki, M. 4056, 5489 Uggenti, P. 3634 Uhl, M. 3137, 3139 UK, British Crop Protection Council 6155 UK. Derwent Publications UK, Forestry Commission 4386 UK, Health and Safety Commission 1131 UK, Ministry of Agriculture, Fisheries and Food 1131, 5305 Ukai, Y. 1968 Ulaganathan, K. 6176, 7031 Ulbrich, A. V. 4621 Ul'chenko, N. T. 2056 Ulhoa, C. J. 7200 Ullasa, B. A. 443, 922, 2153, 2343, 4274 Ullman, D. E. 5145, 7837 Ulloa, M. F. 5032 Ullrich, R. C. 7270-7271 Ullrich, W. R. 4783 Ulrich, J. F. 2004 Uma, N. U. 6107 Umaña, R. G. 6552 Umemoto, S. 2775, 7786 Umesh Chandra Saxena, S. K. 8331 2343, 4274 8331 8331 Umesh Kumar 2014 Umezawa, T. 7218, 8165 Umezurike, G. M. 5375 Umholtz, T. E. 2778 Umnov, A. M. 753 Underberg, H. A. 5259 Understander, D. J. 2113 Uner, M. 2052 Unestam, T. 68, 5428 Unestam, T. 68, 5428 Unge, T. 4767 Unkles, S. E. 5395 Unnamalai, N. 7639 Unterecker, H. 5202 Unwin, R. J. 3689, 6425 Uomori, A. 4676 Uoti, J. 7081 Uotila, A. 1527, 5949 Upadhyay, R. K. 1879, 6946, 7052, 7822 Upadhyay, R. S. 339 7052, 7822 Upadhyaya, R. S. 339 Upadhyaya, G. 8169 Upadhyaya, J. 5708 Upadhyaya, N. M. 8251 Upadhyaya, Y. M. 4164 Upper, C. D. 3641 Uramoto, M. 56 Uramoto, M. 56 Urashima, A. S. 6525 Uratsu, S. L. 7784 Urban, L. A. 5473 Urban, Z. 4189 Urbanck, H. 3858 Urbasch, I. 7157 Urech, P. A. 6163 Ursache, F. 7877 Uruburu, F. 2447 Urzì, C. 277 USA, American Society for Testing Materials 6954 USA, Boyce Thompson Institute 2434 tute 2434 USA, Northeastern Forest Experiment Station 4438 Usall, J. 4229

Usami, S. 10 Usha Budathoki 7237 Usha Dev 6699, 8212 Usmany, M. 1909 Usol'tseva, M. Yu. 7732 USSR, Gosudarstvennaya Komissiya po Khimicheskim Sredstvam Bor'by s Vreditelyami, Boleznyami Vreditelyami, Boleznyami Rastenii i Sornyakami Gosagroproma SSSR 2465 Ustin, S. L. 6799 Ustskii, I. M. 2941 Utkhede, R. S. 2770, 4224, 6638, 7771 6638, 7771 Utschig, H. 2938, 4473 Uyeda, I. 1896, 5480 Uyenaka, J. 1638 Uzawa, J. 3169 Uzuki, T. 4829, 4884 Vacante, V. 6818 Vaccari, G. 5968 Váchová, L. 1778 Váchová, J. 1778 Vacnova, J. 1778 Vagis, A. G. 4796 Vahl, U. 2617 Vaidya, A. 203, 8225 Vail, M. E. 3480 Vaillancourt, L. J. 5621 Vaira, A. M. 3234, 3623 Vairelles, D. 6315 Vaishnay, M. J. 3018-30 Vaishnav, M. U. 3018-3020 Vajna, L. 7262 Vakalounakis, D. J. 2345, 8021, 8173 8021, 81/3 Vakhopskii, E. K. 4863 Valade, C. 3594 Valdes, M. 3132 Valdez, J. 5572 Valdivieso, J. A. 1514, 1568 Valencia, J. C. 1340 Valent, B. 1649, 3360 Valentino, D. 2517 Valenzuela, E. 8086 Valkonen, J. P. T. 2980 Vallapa Chittawong 6261 Vallavieille-Pope, C. de 300 Valluri, J. V. 555 Valluvaparidasan, V. 7637, 7644 Valovikova, G. D. 5974 Valverde, R. A. 1110, 3532, 4510, 4774 Van Aartrijk, J. 2694 Van Altena, I. 5389 Van Assche, C. 4594 Van Bokhoven, H. 1909 Van Boom, J. 2371 Van Boom, J. 2371 Van Bruggen, A. H. C. 1629, 3030, 3546, 3703, 6103 Van Buskirk, P. 2780 Van den Berg, C. G. J. 5602 Van den Eleurel, P. J. M. 7416 Van den Heuvel, H. J. 1599 Van den Heuvel, J. 1205 Van den Heuvel, J. F. J. M. 3215, 5468 Van den Hondel, C. A. M. J. Van den Hondel, C. A. M. J. J. 7495 Van den Mooter, M. 1699 Van der Aa, H. A. 6963, 7290 Van der Arjan, A. 6575 Van der Berg, S. 3763 Van der Bruggen, P. 1108 Van der Eerden, L. J. 93 Van der Hulst, C. T. C. 2693 Van der Kamp, B. J. 3580 Van der Linde, P. C. G. 2693, 6570 Van der Meer, L. J. 2694, 6567 Van der Merwe, J. A. 2103 Van der Putten, W. H. 654 Van der Vlugt, C. I. M. 2693, 5463, 6570 Van der Werf, W. 5126 Van der Westhuizen, G. C. A. Van der Zwet, T. 2456, 2780-2781, 3407, 3423, 4210, 4214, 4217, 4941, 7766 Van Deusen, R. A. 3217

Van Dijk, E. 5126 Van Dijke, J. F. 2760 Van Doorn, J. 2693, 6570 Van Doorn, W. G. 2720, 6593 Van Dop, H. 2 Van Driel, L. 5769 Van Eeuwijk, F. A. 4033 Van Eijk, J. P. 2722, 6581, 6594 Van Emmelo, J. 3911, 3920 Van Etten, H. D. 6036, 6043 Van Etten, H. D. 6036, 6043 Van Gemen, B. 6570 Van Gijsegem, F. 1680 Van Gorcom, R. F. M. 7495 Van Greuning, J. V. 6311 Van Harten, D. C. 3755 Van Heule, G. 3590 Van Jaarsveldt, M. 2616 Van Kammen, A. 1909, 5186-5187 Van Kuik, A. J. 850 Van Laere, O. 3102 Van Lent, J. W. M. 6897 Van Lill, D. 1288 Van Loon, J. J. A. 4541 Van Loon, L. C. 4350-4351 Van Maren, A. F. 3537 Van Nassau, H. G. M. G. 754 Van Nistelrooy, J. G. M. 3314 Van Norel, A. 4541 Van Oijen, M. 1928 Van Onckelen, H. 6115, 7013 Van Peer, R. 850 Van Pelt, J. A. 4019 Van Poelwijk, F. 7369 Van Regenmortel, M. H. V. 708, 3201, 3473, 5469, 7370 Van Rensburg, G. D. J. 1336 Van Rensburg, J. N. J. 1463 Van Roekel, J. S. C. 2229 Van Roermund, H. J. W. 754-Van Rossum, C. M. A. 7975 Van Schadewijk, A. R. 2722, 6570 Van Schagen, J. G. 4615 Van Schalkwyk, D. J. 1339 Van Schingen, J. C. 4026 Van Sickle, G. A. 1486 Van Vloten-Doting, L. 6407 Van Vuuren, S. P. 7660 Van Wambeke, E. 3789, 3866, 4594 Van Wyk, P. S. 1200, 1327, 1339 Van Wyk, P. W. J. 1200, 5423 Van Wyk, R. J. 1463 Van Zoonen, P. 3755 Vanachter, A. 3693, 4594 Vančo, B. 2727 Vančura, V. 1658, 1760, 1778, 1781 Vandermeer, J. 3064 Vanderplank, J. E. 3898 Vani, A. 1594 Vani, S. 6841 Vánky, K. 215, 1863, 3193, 3353, 4743, 4746 Vanmechelen, A. 4260 Vannacci, G. 3869, 6820 Vanneste, J. L. 2459, 3094, 3101, 3401, 3416, 3724-3725 Vannini, A. 3559 Vanos, V. 6555 Varaprasad, K. S. 3022 Varbanets, L. D. 3112, 7020 Vardavakis, E. 7224 Väre, H. 63, 69, 5319-5320 Varenik, B. F. 4853 Varenitsa, E. T. 6471 Varenitsa, E. T. 6471 Vargas, E. 6553-6554 Vargas, G. E. 6552 Vargas, V. L. 6552 Varghese, K. I. M. 6432 Variar, M. 5652 Varma, A. 162, 1039, 6841 Varma, A. K. 172 Varma, B. K. 2389, 3131 Varma, S. K. 4360 Varma A. 5349

Varnagy, L. E. 6218 Varsavsky, E. 2174 Varshney, J. L. 4057 Varshney, J. L. 4057 Vartiainen, T. 3122 Varvalho, M. T. 3818 Varvaro, L. 3342, 3471, 6821 Varveri, C. 3206, 3441 Varveri, C. L. 2443 Várzea, V. 4155 Varzea, V. M. P. 6550 Vasanth Kumar 4858 Vasseth P. I. 7442 Vasanth Kumar 4858 Vaseth, R. J. 7442 Vashishth, K. S. 482 Vasilev, V. 4792, 4897 Vasilev, V. I. 5577 Vasil'eva, I. V. 5537 Vasil'eva, T. Ya. 5916 Vasquez, E. A. 1109 Vassilev, V. 4897 Vasyukov, Yu. V. 6471 Vathakos, M. 4134 Vattanatangum, A. 231 Vattanatangum, A. 2314 Vauterin, L. 3111, 3309 Vavruška, A. 3447 Vawdrey, L. L. 2061 Vaz Pimentel, C. P. 7425 Vazquez, C. 509 Vázquez Carillo, G. 5627 Vear, F. 5001, 7873 Vecchiati, M. 367 Ved Ram 8074 Vedamuthu, P. G. B. 7854 Vedel, F. 1466 Veens, T. 2760 Veeraswamy, J. 1768 Veeresh, G. K. 810, 2864 Veeresh, L. C. 8256 Vega, D. 8290 Vega Piña, A. 6016 Véghelyi, K. 7789 Vejsadová, H. 1760, 1778 Vejsadová, H. 1760, 1778 Vela, C. 2194 Velasco, A. C. 5471, 8317 Velásquez S., E. 4147 Velazhahan, R. 7627 Velikodvorskaya, T. V. 3729 Vellone, R. 3109 Velut, M. 5365 Velvis, H. 2871 Venard, P. 500 Venkatasubbaiah, P. 3398, 5367 Venkateswarlu, K. 1768 Venkatramesh, M. 2846 Ventura, J. A. 3461 Venturi, V. 5025 Venturi, V. 5025 Venturo, R. 7397 Venugopal, M. N. 3483-3484 Venugopal, M. S. 7319 Vera, P. 7999 Verburg, J. G. 6975 Verde, C. 248 Verdue, C. 248 Verderevskaya, T. D. 2788 Verduin, B. J. M. 6897 Verduyn, R. 2371 Veremeichenko, S. N. 17 Vergnet, C. 7564 Verhoeven, J. T. J. 6936 Verhoeven, K. 2896 Verhoyen, M. 3097, 3723, 4766, 5194 Verma, A. 147 Verma, A. K. 1468 Verma, H. N. 2382, 4682, Verma, H. N. 2382, 4682, 6081, 7316

Verma, J. P. 2462, 3715, 4158, 4908, 5270, 5695-5696, 6190, 6563, 7001, 7027, 7691

Verma, J. S. 5278

Verma, K. D. 897

Verma, K. S. 2563

Verma, N. K. 1744

Verma, P. R. 1577, 5984

Verma, R. A. B. 4360

Verma, R. K. 3896, 4108, 7237, 7283

Verma, R. N. 4407

Verma, T. 1875

Verma, T. S. 1027, 2034, 6040

Vernon, P. R. 4904 Veronesi, G. 6619 Veronesi, G. 6619 Verreet, J. A. 306, 4020, 6446 Verver, J. 244, 5186-5187 Verwijst, T. 5945 Veselý, D. 2213, 2325 Vesonder, R. F. 1303, 3847, 5383, 5394 5383, 5394 Vestberg, M. 4054 Vetrova, E. V. 7281 Vetten, H. J. 5470 Vian, B. 7728 Vicchi, V. 382, 2709, 7701 Vicente, M. 230 Vidano, C. 2155 Vidaver, A. K. 1600, 3111, 3628, 3717, 5269, 6948 Vidhyasekaran, P. 2026, 2429, 3318, 5655, 5693, 6143, 6974, 6993, 7298-7299, 7315, 7403, 7687 Vieira, J. 4056 Vieira, R. F. 3799 Vieira, R. F. 3799 Viera, A. 7140 Viera, A. 7140 Vierbergen, B. 5466 Vierheilig, H. 2501, 5344 Viesca G., F. C. 5614 Viggiani, G. 5306 Vigodsky-Haas, H. 6583 Vigouroux, A. 988, 6650 Vijai Singh 5017, 5029 Vijay Thakur 6629 Vijay Thakur 6629 Vijayalakshmi, M. 5182 Vikas Kanwar 6858 Vila Aguilar, R. 2039 Vilardell, P. 3430, 4250 Vilariño, A. 5343 Vilgalys, R. 189 Vilich-Meller, V. 3239 Villaba G., D. A. 4152 Villalon, B. 1100 Villalba G., D. A. 4152 Villalon, B. 1100 Villani, A. 7701 Villanueva, V. R. 5959 Villaseñor Mir, E. 5546 Villegas, V. N. 445 Vimard, B. 7872 Viñas, I. 4229 Viñas, I. 4229 Viñas, I. 4229 Vinayagamurthy, A. 2819 Vinayak, K. 1182 Vincelli, P. C. 6109 Vincent, F. 6200-6201 Vincent, J. R. 3924 Vincent, M. 3383 Vindimian, M. E. 3436 Vink, P. 2694, 6566 Vinnik, I. N. 7747 Vir, D. 8225 Vir, S. 294 Viraktamath, C. A. 6795 Vir, S. 294 Viraktamath, C. A. 6795 Virányi, F. 2175 Virdi, S. S. 4481 Virk, D. S. 807 Virk, K. S. 7960 Visarathanonth, N. 205 Visconti, A. 1350, 2585, 3980, 6775 6775 Viseur, J. 2753, 3420 Vishnevskaya, T. G. 5974 Vishwa Dhar 8209 Vishwa Nath 1512 Vishwadhar 5654 Visser, S. 1557, 3797, 5329 Viswanathan, R. 2666, 5294, 7612 Vit, A. 1778 Vitkovskii, V. L. 435, 4965 Vitoratos, A. G. 1721 Vittorelli, C. 936, 6713 Vivek Prasad 6081 Vivekanandan, M. 5332 Vivian, A. 8188 Vivoda, E. 5142 Vladimirtseva, L. V. 3002, Vladimirtseva, L. V. 3002, 4525, 8185 Vlak, J. M. 1909 Vlasov, D. Yu. 3587 Vlasova, É. A. 2983, 8157 Vloten-Doting, L. van 6407 Vlugt, C. I. M. van der 845, 863, 2693, 5463, 6570 Vnuchkova, V. A. 6473

Vogel, G. 571 Vogels, K. 3584 Vogels, K. 3584 Vogelsang, R. 2388 Vogt, D. J. 4699 Vogt, K. A. 4699 Vogtmann, H. 4741, 6319 Vollokov, A. V. 2631 Voisard, C. 5910 Voft, S. P. 7178 Volc, J. 2307 Volevakha, S. N. 1944 Volevakha, S. N. 1944 Volk, E. 918 Volkov, Yu. G. 7429 Voll, E. 4621 Volin, E. 4627 Voloudakis, A. E. 5933, 8029 Volovik, A. S. 467, 7928, 7934 Volovitch, M. 1903 Volpin, H. 5702 Voluevich, E. A. 291, 5557 Von Broembsen, S. L. 2097, 2103, 5515 Von der Heide-Spravka, K. G. 2485 Von Meier, U. 4922 Von Tiedemann, S. 5081 Von Wechmar, M. B. 1988, 5894 Vorob'eva, Yu. V. 3509 Voron, V. P. 980, 1016, 5099 Voronin, É. I. 4937, 4962 Voronina, M. V. 8305 Voronova, M. S. 2631 Vos, I. 3620 Vosátka, M. 1790, 7136 Voss, J. 3861 Voss, J. 3861 Vostrikova, N. P. 4307, 7221 Vouzounis, N. 7805 Vovlas, C. 1471, 6767 Vragolović, A. 2642 Vrain, T. C. 6662 Vraný, J. 2209 Vrbaški, L. 3476 Vries, J. N. de 1632 Vrînceanu, V. 5239 Vukovits, G. 2795 Vukovits, G. 2795 Vunsh, R. 2093 Vurro, M. 7, 2711 Vuuren, S. P. van 7660 Vyakaranahal, B. S. 2378 Vyas, A. 160, 5354 Vyas, K. M. 221 Vyas, N. L. 2037 Vyas, S. C. 154, 160, 1705, 4530, 5834 Vyas, S. P. 8286 Vyavahare, V. M. 7566 Vyn, T. J. 5540 Vypritskaya, A. A. 7427, 74. Vyn, 1. J. 5340 Vypritskaya, A. A. 7427, 7439 Vyushkov, A. A. 7490 Waard, M. A. de 3314 Wachtel, M. F. 1428, 2836, 4286 4286 Wächter, V. 4821 Wacker, T. L. 7219 Wada, H. 3178 Wada, T. 7616 Waddill, V. H. 6814 Wael, L. de 3102, 4648 Wagemakers, L. 7364 Wagenmakers, P. S. 8336 Waghray, S. 6520 Wagner, C. S. 7398 Wagner, K. G. 264, 3836 Wahl, J. L. 5317 Wainwright, M. 198 Wait, R. 3099 Waki, K. 2305 Waki, K. 2305
Wakimoto, S. 1604, 3718, 7010-7011, 7030, 7325, 7362, 7611
Wakley, G. 2471
Waksman, G. 5161
Wakuliński, W. 3859, 4029-4030, 4826
Waląg, H. 2600, 2613
Walander, H. 105
Waldmann, T. 4652
Walia, K. K. 6027
Walia, M. 4141
Waliyar, F. 6882, 6889, 8228
Walker, A. 41, 5233

Walker, A. S. L. 6726 Walker, C. 1773, 3145, 3893 Walker, C. H. 3736 Walker, C. H. 3736 Walker, G. E. 6009 Walker, J. 405, 2359, 7275 Walker, J. K., Jr. 4903 Walker, R. F. 1158 Walker, S. L. 4439 Walkey, D. G. A. 2536, 2978, 3225 Walkinshaw, C. 1549 Wall, G. C. 2007, 4628 Wall, R. E. 6137, 8052 Walla, J. A. 1010 Walla, J. A. 1010 Wallander, H. 70 Waller, C. D. 6444 Waller, J. M. 2147, 3224, 6548, 7088 Waller, R. S. 608 Wallin, G. 5113-5114 Wallin, J. R. 4066 Wallis, W. A. 6653 Wallsgrove, R. 8150 Wallsgrove, R. 8150 Walsh, J. A. 6112 Walter, B. 3473, 3939, 4284, 6690 6690 Walter, C. C. 3150 Walter, H. F. 5310 Walter, J. 3407 Walter, J. A. 5392, 6008 Walter, M. H. 604 Walters, D. 1662 Walters, D. R. 1971, 4042, 4740, 5379 Walters, K. 3093 Walters, K. 3093 Walther, H. 1295 Walton, J. D. 6171 Wambeke, E. van 3789, 3866, 4594 Wan, C. Z. 4089 Wan, J. M. 4114 Wang, A. C. 7782 Wang, B. 2268, 2528, 4083 Wang, C. 446 Wang, C. L. 5661 Wang, D. S. 2523 Wang, G. C. 7633 Wang, H. H. 2272 Wang, H. L. 2988, 5548 Wang, H. Y. 4944 Wang, J. 820, 4719, 4970 Wang, J. C. 4446 Wang, J. F. 3970 Wang, J. L. 4095, 5649, 6060 Wang, J. S. 7347 Wang, J. X. 1814, 2592, 4823 Wang, J. Y. 4227 Wang, J. Y. 4227 Wang, K. 4985 Wang, K. C. 7241 Wang, K. P. 4405 Wang, K. X. 2293 Wang, L. L. 5206 Wang, L. X. 3230 Wang, L. Y. 3733 Wang, M. 5206 Wang, M. Q. 3237 Wang, P. H. 6859 Wang, P. X. 2294 Wang, P. Y. 295 Wang, R. T. 7633 Wang, R. H. 7633 Wang, S. J. 4302 Wang, S. J. 4302 Wang, S. L. 2277 Wang, S. Q. 4824 Wang, S. S. 4736 Wang, S. S. 4736 Wang, S. Z. 2991 Wang, T. C. 5516, 6068 Wang, T. Z. 544, 5079 Wang, W. Q. 247, 1259 Wang, W. W. 7782 Wang, X. W. 782 Wang, X. L. 1312, 7380 Wang, X. M. 5608 Wang, X. Y. 7029 Wang, Y. C. 448, 3536 Wang, Y. F. 4451 Wang, S. J. 4302 Wang, Y. F. 4451 Wang, Y. J. 4292 Wang, Y. N. 5685 Wang, Y. P. 4709, 4823 Wang, Y. Q. 2508

Wang, Y. S. 2296, 7123 Wang, Y. Y. 8233 Wang, Y. Z. 7185 Wang, Y. Z. 7185 Wang, Z. H. 2508, 4446 Wang, Z. M. 6512 Wang, Z. N. 3525 Wang, Z. S. 984 Wang, Z. X. 7053 Wang, Z. Y. 4828 Wang, Z. Z. 620, 4496 Wange, S. S. 3816 Wangemann-Budde, M. 6497 Wangemann-Budde, M. 649 Wangihar, P. D. 2413 Wanhe, Z. 1328 Wani, P. V. 146 Wapshere, A. J. 3059 Waraitch, K. S. 5899 Warcup, J. H. 1174, 1737, 2494, 5324 Ward, C. W. 5493, 7335 Ward, J. E., Jr. 1674-1675 Wardlaw, T. J. 8070 Wardle, D. A. 3902 Wardrop, E. A. 2193 Wardrop, E. A. 2193 Waring, R. 3569 Warner, J. 4948 Warren, G. 2450 Warren, J. 1404 Warrington, S. 4471
Warwick, D. R. N. 7898
Wasnikar, A. R. 6111, 7863
Wassmuth-Wagner, I. 5283
Wastie, R. L. 5888
Watabe, M. 1212
Watanaba, A. 3792 Watanabe, A. 3792 Watanabe, M. 493, 1451, 8105 Watanabe, S. 7058 Watanabe, T. 557, 1851, 2281, 3567-3568, 4967, 7214 Watanabe, Y. 1900, 5465, 7345 7345
Waterhouse, P. M. 5590
Waters, V. L. 5256
Watkins, C. A. 3452
Watkins, C. B. 1414
Watkins, P. A. C. 3919
Watson, A. K. 1112, 6941
Watson, G. W. 2485
Watson, W. A. 432
Watteau, F. 4708 Watteau, F. 4708 Watts, J. E. 926 Watts, J. W. 5534 Wauchope, R. D. 4663 Way, M. J. 1657 Way, M. J. 1657 Weaber, K. F. 854 Wearing, A. H. 7121 Weatherby, J. 524-526, 5935 Weaver, S. H. 1330 Webb, M. J. W. 3225 Webb, R. S. 8103 Webb, T. M. 527 Webber, J. F. 5088 Weber, A. 4001 Weber, I. 580, 2543, 2547, 6015 6015 Weber, J. 2879 Webster, J. 461, 1195, 5086 Webster, M. A. 1579-1580 Webster, R. K. 1325, 3282, 6435 Wechmar, M. B. von 358, 1988, 5894 Weck, E. A. 2639 Wedler, M. 6810 Wedraogo, F. X. 3803 Weege, D. 5543 Weeks, J. A. 3749 Weeks, J. R. 8224 Weerapat, P. 4874 Weerapat, P. 4874 Weerasena, L. A. 1080 Wegler, R. 27 Wehner, F. C. 1355, 2811 Wehrhahn, C. F. 6477 Wei, C. M. 2528 Wei, H. M. 2279 Wei, J. G. 4310, 5005 Wei, J. H. 544 Wei, N. 250 Wei, S. Q. 4509

Wei, S. X. 1857, 3837, 7259, 7695 Wei, X. 742 Weibull, P. 3955 Weicht, T. R. 3703 Weidemann, G. J. 653, 1572, 7763
Weidemann, H. L. 712, 5013
Weidembörner, M. 3149, 3758
Weidmann, P. 5961
Weigel, H. J. 5589
Weigmann, D. L. 6220
Weikert, R. M. 6810
Weil, M. 7988
Weiler, E. W. 7189
Weingartner, D. P. 2881, 4499, 5857
Weinhold, A. R. 4263
Weisbeek, P. J. 5025
Weiss, E. 707
Weiss, J. 5474
Weiss, M. 673, 2952 Weiss, M. 673, 2952 Welch, J. 6188 Welch, W. 2472 Weldekidan, T. 456 Welle, R. 5167 Weller, D. M. 3271, 3274, 6289 Welling, B. 5545 Wellings, N. P. 3834, 7121 Wellink, J. 1909, 5186-5187 Wells, B. 4352 Wells, B. 4352 Wells, H. 1762 Wells, J. M. 1213, 2456, 2996, 4210, 4650, 4941 Wełnicki, M. 7920 Welter, K. 6347 Weltzien, H. C. 703, 3239, 3971, 5447 3971, 5447 Welvaert, W. 844 Welz, G. 5443 Welz, H. G. 782 Wen, F. 4051, 7538 Wen, J. Z. 6342 Wen, T. H. 448 Weng, J. P. 6531 Wenny, D. L. 4434, 4440 Wenzel, G. 721, 1268, 1961 Wenzl, H. 2865 Werf, W. van der 5126 Werf, W. van der 5126 Werker, A. R. 4024 Werner, D. 2364, 8186 Werner, M. R. 3141 Wernsman, E. A. 5042 West, D. C. 1158 West, H. M. 4740, 5379 West, H. M. 4740, 3373 West, J. 6202 West, K. L. D. 1381 West, S. H. 614-615 West, S. J. E. 48, 6461 Westbrook, J. K. 5933 Westerdahl, B. 871 Westermann, D. T. 5880 Westhuizen, G. C. A. van der 6311 Westphal, B. 1970, 2623, 483-Westphale, P. C. 2204 Weststeijn, E. A. 3352 Wetzel, T. 1907, 5495 Whalen, M. C. 3106 Whalley, W. M. 8182 Wheeler, B. E. J. 1972, 2566 Whiley, A. W. 4266 Whipps, J. M. 1826, 2393, 2509, 4485, 4592, 5386, 6168, 6964, 7194, 7409 Whitcomb, R. F. 1923 White, F. 385 White, G. P. 3185 White, J. B. 5714 Westphal, B. 1970, 2623, 4834 White, J. F. 3163 White, J. B. 5714 White, J. F., Jr. 2118, 3189, 3359, 4194, 7744 White, J. G. 7081 White, N. H. 7275 White, R. F. 3531, 6411, 7978 White, R. H. 6598 White, T. J. 3814, 5268 White, T. L. 1545-1546 Whiteley, G. 2108 Whiteside, J. O. 4137-4138 Whitesides, S. K. 3431, 5767

Whitney, E. D. 5124 Whitney, R. D. 549, 8090 Whitsell, R. H. 2812 Whittaker, J. B. 4471 Whittaker, L. A. 3198, 5493 Whittaker, S. L. 4723, 7201 Whythe, I. V. 1996 Wiberg, L. 2359 Wick, R. L. 5710 Wicklow, D. T. 1999, 3293, Wickremasinghe, S. I. 5028 Wicks, T. 4251 Wicks, T. J. 1428, 2836-2837, 3433, 3604, 4286, 6266 Wicks, Z. W., III 3294 Widiastuti, H. 7118 Widstrom, N. W. 2000, 4066-4067 406 / Widyastuti, S. M. 3756, 7152 Wiebe, M. C. 1730 Wiebe, M. G. 1820, 4739, 5384, 6386, 7204 Wiemken, A. 71, 82, 6066, 6306, 7146 Wienzelsweit P. 5012 Wienczkowski, R. 5012 Wieser, U. 71, 82 Wieser, V. 6306 Wiesner, K. 5127 Wietsma, W. A. 1632 Wigfield, Y. Y. 5301 Wiggins, T. E. 6277 Wightman, J. A. 4553, 6885, Wijesundera, R. L. C. 5648, 7952 7952 Wijesuriya, S. 7086 Wijetunga, C. 4776 Wijsmuller, J. 2760 Wiklund, K. 5308 Wilcox, M. M. 6286 Wilcox, W. F. 900, 916 Wilcoxson, R. D. 3258 Wild, A. 4460 Wild, B. L. 1375, 5675 Wilder-Ayers, J. A. 1110 Wildermuth, G. B. 7497 Wiley, M. F. 7767 Wilhelm, B. L. 7046 Wilkins, D. A. 4702 Wilkins, D. E. 286 Wilkins, R. M. 54, 6246 Wilkinson, C. A. 3154 Wilkinson, C. F. 5277 Wilkinson, C. F. 5277
Wilkinson, H. T. 6844
Wilkinson, S. G. 1687
Will, O. H., III 1809
Willard, J. M. A. 5271
Willemot, C. 2250
Willenborg, A. 674, 1171
Willetts, H. J. 1810
Williams, A. P. 1220
Williams, D. D. F. 7837
Williams, D. H. 8296 Williams, D. H. 8296 Williams, E. 1656 Williams, G. E. 2324, 3591 Williams, J. S. 1733 Williams, P. G. 171 Williams, P. H. 1031, 8173 Williams, R. 2426 Williams, R. J. 5638 Williams, S. E. 1192 Williamson, B. 2143, 6653, 6656 Williamson, D. L. 1923 Williamson, J. W. 7014 Williamson, P. M. 2735 Willis, D. K. 1693 Willmot, D. B. 608 Willinot, D. B. 608
Wills, F. B. 6438
Wills, R. B. H. 4613
Wills, W. H. 2718
Willumsen, J. 6025
Wilschut, J. 6410
Wilson, A. D. 2723, 3283
Wilson, C. L. 1047, 2565, 5503 Wilson, D. M. 2000 Wilson, I. G. 4768 Wilson, J. 6313 Wilson, J. P. 4081, 5633, 7541 Wilson, K. L. 2393 Wilson, L. F. 4419 Wilson, L. L. 3454-3455, 4975 Wilson, L. T. 4903 Wilson, M. 3104-3105, 4179 Wilson, T. M. A. 1898, 3919 Wimalajeewa, D. L. S. 3384, 4209 Winans, S. C. 7003 Wind, F. 3371 Windes, J. M. 4062 Windes, J. M. 4062 Windom, G. E. 2142, 6660 Wingate, V. P. M. 5178 Wingfield, M. J. 1200, 2513, 3558, 4388, 5072, 5103, 5423, 5952, 6792, 6802, 8083, 8098 Winnett, G. 5776 Winter, R. 5064 Winter, S. 3553 Winter, S. 3553 Wipf-Scheibel, C. 2989 Wirth, S. J. 3900 Wirthner, P. 5910 Wirtz, U. 1936 Wise, P. J. 5492 Wisler, G. C. 388 Wit, P. J. G. M. de 1476, 5055 Witherspoon, W. D., Jr. 5042 Witney, G. W. 1413, 6635 Witte, L. 7207 Witte, Y. de 2720, 6593 Witter, B. 1761 Wittkampf, U. 8258 Wittmann, W. 2795 Wittmeier, H. 2947 Wodicka, B. 5179 Wodzinski, R. S. 2460, 2778, 3089, 3419, 4231 Wohanka, W. 596 Wojtas-Kozieł, B. 4949 Wolcan, S. M. 7762 Wolf, G. A. 3900 Wolf, H. 2948 Wolf, J. de 3746 Wolf, S. 3533 Wolf, S. J. 323 Wolfe, M. S. 2628, 3992 Wolfenden, J. 6808 Wolff, A. B. 2364 Wolff, W. J. 2078 Wolfram, B. 2740 Wolfram, B. 2740 Woloshuk, C. P. 1816, 7416 Wolters, P. 645 Wolyn, D. J. 4595 Wondim, R. N. 3041 Wong, K. K. Y. 72, 107, 1169-1170, 2495 Wong, L. S. 5800 Wong, S. M. 388, 866 Wong, W. C. 6868 Wongkaew, S. 3649 Wongpiyasatid, A. 1063 Wongpiyasatid, A. 1063 Wongwathanarat, P. 7821 Wongwathanarat, P. 7821 Woo, J. K. 7022 Wood, A. E. 5315 Wood, C. S. 1486 Wood, D. L. 5957, 6801 Wood, G. 7038 Wood, K. R. 253, 1236, 5496 Wood, K. V. 319 Woodbridge, B. 7536 Woodhead, S. H. 397, 6175, 6256 6256 Woods, D. M. 5839 Woods, D. M. 5839 Woods, R. D. 4524 Woods, W. S. 4646 Woods-Tor, A. 6914 Woodske, D. V. G. 5227 Wooldridge, J. 902 Wortton, J. C. 6212 Workneh, F. 2380 Worrall, A. J. 1485 Worthington, P. A. 5299, 6451 Wöstemeyer, J. 5994 Woźny, A. 477 Wright, A. J. 2316, 8125 Wright, J. L. C. 6008 Wright, K. H. 1313 Wright, P. 6230 Wrischer, M. 391

Wróblewski, H. 1922 Wronkowska, H. 1553 Wu, C. G. 1764 Wu, E. F. 3237 Wu, F. C. 7386 Wu, I. S. 4603 Wu, J. 742 Wu, J. H. 4310 Wu, J. Q. 5698 Wu, L. 2278, 2936 Wu, L. J. 544 Wu, L. R. 5566 Wróblewski, H. 1922 Wu, L. R. 5566 Wu, M. F. 4347 Wu, Q. D. 6043 Wu, Q. N. 1840, 5608 Wu, R. 4096 Wu, R. Y. 4977 Wu, S. L. 2286 Wu, S. Y. 8219 Wu, T. H. 8198 Wu, T. H. 8198 Wu, T. L. 6060 Wu, W. 1962, 6466 Wu, W. C. 3733 Wu, W. D. 193 Wu, W. S. 2650, 3874, 4075, 7700 Wu, W. Y. 1012 Wu, Y. S. 1962 Wu, Z. 742, 768 Wulf, A. 3555 Wullschleger, S. D. 1379 Wurtz, M. 6398 Wyatt, J. E. 6833 Wyatt, S. D. 1055, 3616 Wyk, P. S. van 1200, 1327, 1339, 1829, 2513 Wyk, P. W. J. van 1200 Wyk, R. J. van 1463 Wylie, F. R. 8036, 8045 Wyllie, T. D. 7236 Wynne, J. C. 3647, 3649 Wysong, D. S. 4852 Wyss, P. 6066, 7146 Xi, K. 1577 Xi, Y. W. 1838, 1864 Xia, D. Z. 4031 Xia, J. Q. 646 Xia, T. H. 5262 Xia, X. M. 8233 Xiang, B. C. 7715 Wyatt, J. E. 6833 Xia, X. M. 8233 Xiang, B. C. 7715 Xiang, C. T. 5947 Xiang, W. N. 14 Xiao, J. Z. 3306, 6527, 7631 Xiao, L. R. 4085 Xiao, Q. P. 7506 Xiao, Y. G. 996, 3565 Xie, D. L. 1583, 3128 Xie, G. L. 6528, 6531 Xie, L. H. 7955 Xing, M. J. 7782 Xing, Z. 820 Xu, B. C. 5650 Xing, X. 820
Xu, B. C. 5650
Xu, C. Q. 544, 5079
Xu, D. 4896
Xu, D. P. 1748
Xu, F. L. 5548
Xu, G. W. 3069, 7636
Xu, J. T. 1796, 4921
Xu, L. P. 4896
Xu, M. 1312
Xu, P. L. 2237
Xu, S. J. 2592
Xu, Y. 6512
Xu, Y. C. 6531
Xu, Y. C. 6531
Xu, Y. X. 7815
Xu, Z. 7512
Xu, Z. G. 1695
Xu, Z. K. 5005
Xu, Z. O. 6891
Xue, B. D. 2342 Xue, B. D. 2342 Xue, Y. 2508, 4446 Xue, Y. L. 1962 Xue, Z. D. 5698 Yabuki, S. I. 2904 Yadav, A. S. 2028 Yadav, B. P. 6698 Yadav, J. S. 3304 Yadav, L. D. S. 1717, 1719, 1724, 5297, 7065, 7067 Yadav, N. K. 1601

Yadav, R. D. S. 6902 Yadav, S. 4013 Yadava, R. N. 7055 Yadava, U. L. 7792 Yaegashi, H. 1368, 4883, 4893 Yagami, K. 7058 Yaklich, R. W. 6062 Yakovets, V. A. 5974 Yakshin, G. V. 2649 Yakuwa, T. 5351 Yamada, K. E. 5117 Yamada, S. 8165 Yamada, T. 1593, 3003, 4477, 7177 Yamada, Y. 6278, 8302 Yamaguchi, I. 496, 1968, 3199, 4092 3199, 4092 Yamaguchi, T. 2370 Yamaleev, A. M. 5527, 7446, 7450, 7462, 7493 Yamamato, T. 825 Yamamoto, H. 1571, 8178 Yamamoto, H. 1571, 8178 Yamamoto, K. 4681 Yamamoto, T. 1473-1474, 2030, 4111, 4113 Yamamoto, Y. 535 Yamaoka, N. 191, 1357, 1473-1474, 4045, 7523 Yamaoka, Y. 5097 Yamashita, A. 1968 Yamashita, F. 7991 Yamashita K. 4916, 5197 Yamashita, K. 4916, 5197, Yamashita, S. 2225, 4920 Yamauchi, H. 2101 Yamaya, Y. 5481 Yan, J. 5078 Yan, Y. Z. 1201 Yan, Y. Z. 1201 Yanagawase, S. 8302 Yanase, H. 2746, 4219, 5742 Yanaudite, R. L. 7344 Yancheva, A. 5037, 5047 Yancheva, A. M. 5049 Yañez M., M. de J. 5378 Yañez Morales, M. de J. 5833 Yang, C. H. 543, 3970 Yang, C. R. 252, 4055 Yang, D. G. 2291 Yang, G. 7381 Yang, G. 7381 Yang, G. Q. 2279 Yang, G. Y. 2291 Yang, H. A. 5566 Yang, I. L. 7549, 7697, 8219 Yang, J. 6663 Yang, J. S. 1962, 6466 Yang, L. X. 4451 Yang, Q. K. 6060 Yang, S. C. 4747, 5304, 6366 Yang, S. F. 3347 Yang, S. I. 4418 Yang, S. I. 3418
Yang, S. I. 3525, 7414
Yang, S. I. 3525, 7414
Yang, T. C. 3917, 4319
Yang, W. 543, 3574, 5077
Yang, X. 3454-3455, 7765
Yang, X. B. 296, 298, 2367, 3638-3639
Yang, Y. L. 2300
Yang, Z. 3608, 7193
Yang, Z. Z. 1003, 2939
Yan'kov, I. I. 8179
Yanni, Y. G. 2662
Yanofsky, M. F. 4644
Yao, J. M. 7565
Yao, J. X. 4813
Yao, K. 7347
Yao, Y. J. 686, 1855
Yapa, P. A. J. 5028
Yard, C. 1590
Yaremenko, Z. I. 3518 Yaremenko, Z. I. 3518 Yarham, D. J. 3977 Yaron, A. 2052 Yash Gupta 910, 6648 Yashoda Hegde 2150 Yasmeen 3774 Yasukawa, K. 7714 Yasumura, M. 2322 Yasunaga, H. 6001 Ye, J. R. 1007 Ye, X. D. 1923 Ye, X. S. 3530 Yeargan, K. V. 410

Yearsley, C. W 2794 Yegorova, I. A. 5337 Yeh, W. L. 8235 Yesuraja, I. 4871-4872 Yi, C. K. 1006, 4433, 4442 Yi, H. J. 7022 Yiem, M. S. 6683, 6685 Yıldız, F. 1394 Yıldız, M. 1394, 1462 Yili, R. 1328 Yin, G. Y. 1856 Yin, J. S. 4237 Yin, S. Z. 4120 Ykema, R. E. 6706 Yoder, K. S. 4214 Yoder, M. D. 1127 Yoder, O. C. 794, 4060 Yokomi, R. 3605 Yokosawa, R. 8011 Yokoyama, K. 1812 Yokoyama, M. 5457 Yonaha, T. 4511 Yonce, C. E. 1416 Yonemitsu, M. 4727 Yoneyama, K. 496 Yoo, I. D. 6122 Yoon, K. R. 7021 Yoon, S. H. 204, 2478 Yorganci, Ü. 1591, 2354, 2390, 2415 Yorinori, J. T. 4621 Yorston, J. M. 5749 Yorston, J. M, 5749 Yoshida, H, 4092 Yoshida, K, 2233 Yoshida, S, 3169 Yoshida, S, 3169 Yoshikawa, M, 8210 Yoshikawa, N, 2544, 3453 Yoshimura, Y, 4676 Yoshino, R, 4097, 4100, 4884 Yoshioka, H, 3003 Yoshizawa, T, 3987, 7440 Yot, P, 1903 You, C, H, 3663-3664 You, R, H, 7512 Youle, D, 2750, 3096 Youn, O, 1140 Youm, O. 1140 Youmans, J. 6388 Young, B. M. 5476 Young, C. C. 2499 Young, C. H. 1546 Young, C. S. 3395-3396 Young, D. C. 6265 Young, J. M. 3717, 5269, 7727 Young, J. P. 1707, 6647 Young, J. R. 1707, 6647 Young, K. 2868, 6656 Young, M. J. 5590, 7341 Younis, M. M. B. 7007 Younos, T. M. 6220 Yourman, L. 4940 Yousef, M. 336 Yousef, R. A. 2053, 2054 Youssef, B. A. 2053-2054, 2058, 2060 Yu, D. S. 1012, 2296 Yu, H. F. 1837 Yu, J. 3401, 3416 Yu, L. Q. 5698 Yu, S. C. 4237 Yu, S. H. 2087, 4603 Yu, S. Q. 2991 Yu, S. W. 4463 Yu, T. F. 1201 Yu, Y. J. 4031 Yu, Y. N. 7241, 7256 Yu, Y. X. 3750 Yu, Z. H. 6522 Yu, Z. W. 4463 Yuan, G. 1014 Yuan, J. Y. 1865 Yuan, M. F. 2714 Yuan, X. R. 2814, 4302 Yudin, B. F. 4851 Yudin, B. F. 4851 Yuen, G. Y. 4263 Yuen, J. E. 1581, 6331, 7119 Yukhnina, E. K. 2636 Yukimoto, M. 3762 Yun, M. S. 6683, 6685 Yunis, H. 2994, 7399 Yunusova, S. G. 2055

Yurina, O. V. 6022, 6837 Yurina, T. P. 6022 Yurku, A. I. 6494 Zaaria, A. 1922 Zaayen, A. van 6581 Zabezhailo, M. I. 7934 Zabezhailo, M. I. 7934 Zabolotnaya, V. A. 7454-7455 Zacheo, A. 3422 Zachara, T. 553, 4441 Zachowski, M. A. 841, 4907 Zad, J. 4308 Zadina, J. 942 Zadoks, J. C. 741, 1118, 5216, 6989 6989 Zagórska, H. 5864 Zagórski, W. 7920 Zagula, K. R. 1279, 3936 Zaher, N. A. 2893 Zaidi, S. B. I. 8312 Zaidi, Z. B. 2240, 2417, 6416 Zaim, M. 4988 Zainul, Abedin 681 Zain-ul-Abedin 681 Zaini, Z. 819 Zaiter, H. Z. 3007-3008 Zaitlin, M. 1899 Zaitseva, L. N. 6874 Zakaullah 7247 Zakaulah /24/ Zakay, Y. 4368 Zakhar'ev, V. M. 3499, 5909 Zakharova, I. Ya. 17 Zakhryapina, T. D. 2580 Zaki, M. J. 7413 Zakiuddin 5922 Zakiuddin 5922 Zakordonets, O. A. 7281 Žáková, M. 2734 Zakri, A. H. 1364 Zamani, H. R. 6912 Zambino, P. J. 3167 Zambonelli, A. 73, 6310 Zambryski, P. 7327 Zamir, D. 3544, 4368 Zamotaev, A. I. 467 Zang, M. 2492 Zang, X. Q. 5078 Zapata, F. J. 2026 Zarari, A. J. 4354 Zarubina, M. A. 4781 Zarubina, M. A. 4781 Zarzycka, H. 5870 Zashchita Rastenii 3702, 3741, 4660, 4942, 4972 Zasoski, R. J. 3831 Zatserkovskii, V. A. 1944 Zavertailo, T. F. 2638 Zavriev, S. K. 3944, 4317, Zavrijev, S. K. 710 Zawadzka, B. 3393 Zayed, A. 955 Zazzerini, A. 7982 Zdorovenko, G. M. 17 Zebitz, C. P. W. 6872 Zech, B. 6272 Zech, B. 6272 Zederbauer, R. 2557, 5179 Zehavi, A. 5120 Zehr, E. I. 5771, 7795 Zeidan, M. 4368 Zeidman, M. 2128 Zeigler, R. S. 827, 3214 Zeinalov, I. B. 7479 Zeiruk, V. N. 467 Zekanowski, C. 7920 Zekaria-Oren, J. 3257 Žel, J. 74 Zelazny, B. 7904 Zelazny, B. 7904 Zelenina, D. A. 5488, 7356 Zelenskii, G. L. 7635 Zeller, W. 3088, 3333, 3727, 4249 Zel'tser, S. Sh. 2685, 7685 Zel'tser, S. Sh. 2685, 7685 Zemite, A. F. 1292 Zemtsova, O. I. 476 Zencirci, N. 7532 Zeng, S. M. 295-298 Zeng, S. Y. 4405 Zeng, X. M. 4896 Zeng, X. P. 826 Zentmyer, G. A. 2809 Zeppa, G. 4735 Zeringue, H. J., Jr. 5694 Zettler, F. W. 386, 388, 392, 3655 3655

Zevenhuizen, L. P. T. M. 8026 Zeyen, R. J. 704, 6385 Zezin, A. B. 3219 Zhang, A. P. 2698, 2714 Zhang, B. C. 7274 Zhang, C. P. 4120 Zhang, D. 2162 Zhang, D. Y. 4828 Zhang, F. J. 2162 Zhang, F. Q. 2979 Zhang, F. X. 5685 Zhang, F. X. 5685
Zhang, G. 813
Zhang, G. F. 7782
Zhang, H. L. 3220, 3504-3505, 5014
Zhang, H. S. 1695
Zhang, H. T. 1950, 2528
Zhang, J. 350, 3199
Zhang, J. C. 765, 3837
Zhang, J. N. 546
Zhang, J. N. 546
Zhang, J. R. 3237
Zhang, J. R. 3237
Zhang, J. W. 4405
Zhang, J. W. 4405
Zhang, J. W. 5521, 7508 Zhang, L. 5521, 7508 Zhang, L. H. 3721 Zhang, L. Q. 7508 Zhang, L. Q. 7508 Zhang, L. W. 4061, 7768 Zhang, M. 2259 Zhang, M. Q. 7123 Zhang, M. X. 5650 Zhang, N. T. 363 Zhang, N. 1. 363 Zhang, Q. 3152, 5661 Zhang, S. C. 1589 Zhang, S. H. 7679 Zhang, S. Y. 2277 Zhang, S. Y. 2277
Zhang, T. X. 2512
Zhang, T. Y. 5548
Zhang, W. Y. 295
Zhang, W. Y. 295
Zhang, X. G. 6060
Zhang, X. W. 4083
Zhang, X. Y. 2286, 2931
Zhang, Y. J. 7512
Zhang, Y. J. 7512
Zhang, Y. J. 7512
Zhang, Y. S. 1814
Zhang, Y. X. 2814
Zhang, Y. Z. 5368
Zhang, Z. G. 2512
Zhang, Z. G. 2512
Zhang, Z. P. 4944
Zhang, Z. Y. 6891
Zhao, G. S. 3369-3370, 5262
Zhao, H. F. 5947 Zhao, H. F. 5947 Zhao, J. D. 1219 Zhao, J. H. 2814 Zhao, J. L. 22, 4405 Zhao, J. Z. 361, 1012 Zhao, K. J. 2024 Zhao, M. 5076 Zhao, R. L. 2940 Zhao, R. L. 2940 Zhao, T. K. 2922 Zhao, W. J. 4828 Zhao, Y. L. 2270 Zhao, Z. R. 545 Zhao, Z. Y. 1864 Zhdanov, V. V. 2756, 4950, Zhdanov, V. V. 2756, 4950, 7778
Zhemchuzhina, A. I. 4803
Zhen, Y. Z. 1312
Zheng, C. G. 4312
Zheng, G. X. 4094
Zheng, S. S. 4784
Zheng, X. 4970
Zheng, X. B. 1843
Zhilkin, V. M. 7501
Zhivotkov, L. A. 4796, 4805
Zholner, L. G. 7377
Zhong, J. W. 1012, 2296
Zhong, X. P. 4456
Zhong, Y. 4509
Zhong, Z. K. 5076
Zhorzhesko, G. G. 5974
Zhou, C. H. 5587
Zhou, G. H. 8243
Zhou, J. S. 2293
Zhou, P. Z. 446
Zhou, W. C. 8281
Zhou, X. G. 4302
Zhou, Y. J. 3997
Zhou, Y. L. 6370, 7633 7778

Zhou, Y. Z. 5668, 7381 Zhou, Z. J. 7955 Zhou, Z. M. 543 Zhu, B. M. 446 Zhu, B. M. 446 Zhu, C. L. 4463 Zhu, C. X. 1583, 3128 Zhu, H. 350 Zhu, J. M. 546 Zhu, L. F. 3750 Zhu, L. H. 4104, 4114 Zhu, L. F. 5/30
Zhu, L. H. 4104, 4114
Zhu, Q. 6517
Zhu, S. K. 2288
Zhu, W. 542
Zhu, W. 542
Zhu, W. 542
Zhu, W. 546, 993, 1520
Zhu, X. J. 995
Zhu, X. T. 765
Zhu, X. T. 765
Zhu, X. Y. 1840, 4463, 5608
Zhu, Y. 3930
Zhuang, J. Y. 1218, 1839, 1857, 1861, 7257, 7259, 7265, 7695
Zhuk, I. P. 3588
Zhuk, O. Ya. 6005
Zhukova, A. É. 7445, 7479
Ziegler, R. 2971
Ziegler, R. 2971
Ziegler, R. S. 2670
Ziegler, W. 6344
Ziegler-Graff, V. 5969 Ziegler, R. S. 2670
Ziegler, W. 6344
Ziegler-Graff, V. 5969
Ziegler-Jöns, A. 5118
Zilberstein, A. 2241
Zimmer, R. C. 5641, 5737
Zimmermann, D. 3473, 4284
Zimmermann, G. 3247
Zink, F. W. 589, 1588, 3613
Zink, P. 4718
Zink, R. T. 5859
Zinkernagel, V. 3036, 5965
Zinnen, T. M. 5906
Zinno, Y. 5105
Ziogas, B. N. 1721, 6283
Zipagan, F. B. 2692, 2813
Zipf, A. E. 1663
Zipperer, B. 5300
Zislavsky, W. 894, 2754, 3380
Zitko, S. E. 2678, 4133, 4135
Zitter, T. A. 1037, 1046, 3233, 3607, 5521
Ziv, O. 3257
Zoeten, G. A. de 7309, 7354 Zoeten, G. A. de 7309, 7354 Zohren, E. 2967 Zohren, E. 2967 Zohri, A. A. 5163 Zoina, A. 6709, 7798 Zolotov, A. L. 7493 Zoonen, P. van 3755 Zote, K. K. 6099, 8257, 8284 Zou, F. M. 4089 Zou, J. Y. 7565 Zou, P. Z. 2935 Zreik, L. 5664 Zschaler, H. 4667 Zubenko, T. F. 7686 Zubkov, A. F. 3994 Zubrzycki, A. D. de 5666. Zubrzycki, A. D. de 5666, Zubrzycki, H. M. 5666, 5681 Zubrzycki, H. M. 5666, 5681 Zuccherelli, G. 6309 Zuidema, D. 1256 Zummo, N. 320, 1348 Zumoff, C. H. 3091, 3405, 3416, 3419 Zuo, H. Q. 984 Zutahi, J. 2128 Zutra, D. 2747, 2912, 3337, 3382 Zvyagintsev, D. G. 3229 Zwatz, B. 2467, 2557, 5179, 5596 5596 Zwet, T. van der 2456, 2780-2781, 3407, 3423, 4210, 4214, 4217, 4941, 7766 Zwieniecki, M. 553 Zwolińska, B. 1558 Zwoliński, J. 1558 Zwoliński, J. B. 5103 Zyprian, E. M. 2451

## **SUBJECT INDEX**

Abaca (see Musa textilis) Abaca mosaic potyvirus, Musa textilis	Abies balsamea cont.	Acaulospora scrobiculata
2692	root and butt rots cont. Ontario 549	soil, mycorrhizas 3143
Abacarus hystrix, transmission, ryegrass	Uredinopsis mirabilis	Stylosanthes guianensis, mycorrhizas 6327
mosaic virus 4188	epidemiology 552	Acaulospora splendida, Quercus cos-
Abelmoschus esculentus	Vermont 552	taricensis, mycorrhizas 3138
diseases	Abies fraseri	Acaulospora walkeri, cocoa, mycorrhizas
India 7405	decline	3824
reviews 7405	air pollution 4438	Acer
Fusarium oxysporum, Pakistan 1107 hibiscus yellow vein mosaic virus	USA 4438	decline
environmental factors 8315	Abies georgei, mycorrhizas, China 2492 Abies homolepis	Canada 1501
histopathology 8315	viruses	indicator species 1501  Acer macrophyllum, Cryptodiaporthe hy.
transmission 8315	France 1002	trix, host parasite relationships 805.
Macrophomina phaseolina	Germany 1002	Acer platanoides
biological control 1830	seeds 1002	sodium chloride
environmental factors 1830	Abies lasiocarpa, Ophiostoma polonicum,	damage 3554
okra enation leaf curl virus	resistance 5089	Germany 3554
environmental factors 8315 histopathology 8315	Abies pindrow, Isthmiella abietis, India 8089	Acer pseudoplatanus 2923
transmission 8315	Abies procera	Diplodina acerina decline 3555
okra leaf-curl virus	Leptographium wageneri	endophytes 3555
growth stages 3053	North America 5088	Germany 3555
varietal reactions 3053	susceptibility 5088	mycorrhizas
yield losses 3053	Abies vejari	Czechoslovakia 1790
okra mosaic tymovirus, control 8316	Ophiostoma abietinum	undergrowth 1790
Pythium aphanidermatum	Mexico 4435	viruses, Czechoslovakia 2923
India 5212	taxonomy 4435  Abrus precatorius, plant extracts, antiviral	Acer rubrum
symptoms 5212  Rhizoctonia solani, biological control	agents 8308	acid rain, nitrogen 6787 Cryphonectria parasitica, survival 800
1106	Abscisic acid, activity, Fusarium	Xylella fastidiosa, immunodiagnosis
root rots, biological control 7413	culmorum, wheat 4825	2924
Abelmoschus moschatus	Abutilon mosaic geminivirus	Acer saccharum
Pseudomonas syringae pv. hibisci	Abutilon pictum 3323	Armillaria, Quebec 5067
Georgia 4911	Malva parviflora 3323	Ceratocystis coerulescens, Wisconsin
seeds 4911 Abies	Sida micrantha 3323  Abutilon pictum, abutilon mosaic	2258 Cerrena unicolor, pathogenicity 1497
Pisolithus tinctorius	geminivirus, isolates 3323	decline
mycorrhizas	Abutilon theophrasti, Sclerotinia scleroti-	bibliographies 8046
antifungal properties 7105	orum, New York 8330	Canada 8046
Tennessee 7105	Acacia, mycorrhizas, Somalia 2504	fertilizers 4409
viruses	Acacia albida, mycorrhizal fungi, Burkina	Quebec 4409
France 1002	Faso 3803	Acer sellowiana, Agrobacterium, genetic
Germany 1002 seeds 1002	Acacia auriculiformis diseases	transformation 425  Aceria cajani, transmission, pigeon pea
Abies alba	computer simulation 4408	sterility mosaic virus 2381
air pollution	Papua New Guinea 4408	Acerviclypeatus, taxonomy 3889
damage 4436	mycorrhizas, growth 4707	Acetaldehyde
physiology 4400-4401	Acacia cyanophylla, Glomus mosseae,	control
Poland 4441	mycorrhizas, nitrogen fixation 1175	grapes 6604
decline	Acacia mangium, heart rot, Malaysia 1500 Acacia mearnsii, Pestalotia, China 2257	postharvest decay 6694 storage decay 5811
air pollution 4438, 5091-5092 Germany 2283-2284, 4438, 5091	Acacia nilotica	Achlya
increment 5092	Gigaspora margarita, mycorrhizas,	restriction fragment length polymor-
natural regeneration 553	nitrogen fixation 164	phism 5422
Poland 553	Glomus fasciculatum, mycorrhizas,	taxonomy 5422
Switzerland 5092	nitrogen fixation 164	Achyranthes, mycorrhizas, India 5349
waxes 2283-2284	mycorrhizas	Aciculosporium take, bamboos 1520
Heterobasidion annosum	growth 5328 water stress 1187	Acid fog activity
host specificity 3573 Italy 3573	Acanthus	Fagus sylvatica 4410
vegetative compatibility groups	Phloeospora aethiopica	Picea abies 1561, 1566-1567, 230
3573	Ethiopia 7277	2950-2956, 2960, 3055-3056
mycorrhizas, Germany 101, 3809	taxonomy 7277	Picea rubens 4475
ozone	Acaulospora	damage, Picea rubens 5117
frost resistance 3574	avocados, mycorrhizas 2500 soil, mycorrhizas 149	Acid mist, activity, Picea abies 2957-295 2961
gas exchange 3574	taxonomy 3826	Acid rain
growth 3574 sulfur dioxide	Acaulospora bireticulata, soil, mycorrhizas	activity
Germany 2283-2284	1765, 3143	Abies balsamea 8090
waxes 2283-2284	Acaulospora elegans	Acer rubrum 6787
viruses	avocados, mycorrhizas 2500	forest trees 2255, 4401
France 1002	China 7123	Ilex aquifolium 1526
Germany 1002	Acaulospora laevis, Cuminum cyminum, mycorrhizas 7858	Liriodendron tulipifera 4422, 679 mycorrhizas 7093
seeds 1002	Acaulospora longula	Picea abies, mycorrhizas 3135
Abies balsamea acid rain	Paspalum notatum, mycorrhizas 1770	Picea mariana 8115
diseases 8090	storage 5335	Picea rubens 2301
symptoms 8090	Acaulospora mellea, coffee, mycorrhizas	mycorrhizas 2490
decline	7127	pines 4457, 5106
air pollution 4438	Acaulospora myriocarpa, coffee, mycor-	Quercus alba 6787 soil 8115
USA 4438	rhizas 7127 Acaulospora rugosa, sweet potatoes, mycor-	damage
root and butt rots assessment 549	rhizas 5330	crops 4784
assessificit 547		

Acid rain cont.	Aflatoxins cont.	Agrobacterium tumefaciens cont.
damage cont.	medicinal plants 4300	DNA 1684
Picea rubens 6811-6812	Africa	DNA probes 3082
pines 8107 trees 4405	cassava, African cassava mosaic geminivirus 3682	enzymes 9, 3080 evolution 6200
Aconitum heterophyllum, plant extracts,	coffee, Aspergillus fumigatus 6555	gene expression 10-11, 5254, 7003
antiviral agents 6416	groundnuts, viruses 8221	genetic engineering 14
Acorus calamus, plant extracts, antifungal	Hyparrhenia, Uredinales 404	genetic transformation 8
agents 5291	pesticides, usage 1141	grapes 929-930, 1431, 4295-4296,
Acremonium	plant protection	4985-4986, 6696, 7852
bananas 7824 cucumbers 4514	books 3 training 4636	laboratory tests, tsibulins 57 mobility 7005
Festuca 5720	rice, discoloration 7603	molecular genetics 9, 1670-1672, 1674
Festuca arundinacea 7739	tobacco, Peronospora tabacina 6749	1675, 3720, 4644, 5255-5257,
Gramineae 3356	African cassava mosaic geminivirus	7002, 7004
Hordeum 3283	cassava 3681-3682, 4609, 6128	mutants 6202, 7005
Lolium 2723, 5720, 7742	DNA 7365	nucleotide sequences 2451, 5252, 620
Lolium perenne 7741	molecular genetics 6405 Nicotiana benthamiana 6405	6201
soil 4514 sugarcane 3526	Afzelia africana	octopine 1668 opines 9, 2507, 3078-3079, 3081, 308
Acremonium coenophialum	mycorrhizas, Senegal 1176	3719
antifungal agents 53	Pisolithus tinctorius, mycorrhizas, mor-	osmoregulation 5250
fatty acids 53	phology 3805	peaches 7798
Festuca 2114	Agallol, control, Ustilago scitaminea, sug-	peas 5154
Festuca arundinacea 399-400, 874,	arcane 7965	pecans 8074
1393, 1395, 2112-2113, 4925,	Agaricus (see Mushrooms)	phenolic compounds 4645
6598, 6600-6601, 7735-7738 grasses 3359	Ageratum houstonianum tobacco streak ilarvirus	plasmids 3721
Lolium perenne 2115, 6598	alternative hosts 5043	Populus 3563, 5944
wheat 2114	pollen 5043	potatoes 3519, 7937 Pseudomonas, antagonism 5761
Acremonium huerfanum, grasses 3359	Queensland 5043	Pseudotsuga menziesii 2282, 3084
Acremonium lolii	viruses	reviews 5257
Lolium 7742	inclusion bodies 3917	rice 662
Lolium perenne 872, 875, 6602	Taiwan 3917	roses 6590
Poa pratensis 872	Agribrom, control, Xanthomonas campes-	Sesbania rostrata 6617
Acremonium persicinum, Grevillea robusta 6743	tris pv. dieffenbachiae, Anthurium 2077	soil 929
Acremonium starrii, grasses 3359	Agrimycin	strains 3081, 6200
Acremonium strictum	control	sugars 12 tobacco 502, 7988
bananas 7828	Erwinia amylovora, pears 3418	tomatoes 6763
hyperparasitism, Mucor racemosus 6	Pseudomonas solanacearum, pota-	Vaccinium 7810
nucleotide sequences 4734	toes 2217	Vinca 662
sorghum 2007	Agrimycin-100, control, Xanthomonas	virulence 1670-1671, 1674-1675, 245
Acremonium typhinum Ammophila breviligulata 4194	campestris pv. vignicola, cowpeas 3653	3083, 4645, 5254-5255, 6202,
grasses 3359	Agrobacterium	7003
Acremonium uncinatum, Festuca pratensis	Acer sellowiana 425	Agrobacterium vitis, grapes 3482
4191	biological control 7006	Agropyron Gibberella zeae
Acrocalymma medicaginis	biotypes 1669	India 4035
CMI descriptions 5414	Casimiroa edulis 425	varietal reactions 4035
lucerne 885	Coniferae 5946	Agropyron ciliare, Ustilago serpens, Japa
Actinidia (see Kiwifruits) Actinomyces, antagonism, plant pathogens,	forest trees 2453 genetic engineering 7006	4746
cassava 1642	genetic transformation, reviews 6391	Agropyron mosaic virus, wheat 3978
Aculodes mckenziei, transmission, ryegrass	Jordan 1669	Agropyron tsukushiense
mosaic virus 4188	kiwifruits 425	Erysiphe graminis
Acyrthosiphon kondoi	opines 13	evolution 281 formae speciales 281
transmission	pines 5313	host specificity 281
beet mosaic potyvirus 6825	plasmids 13	Agrosan
beet yellows closterovirus 6825 Adenostemma viscosum	proteins 1673 soil 5946	activity, Aspergillus flavus 195
Phaeoramularia adenostemmatis	Solanum betacea 425	seed treatment, Vigna radiata 1655
Nepal 7237	tamarillos 425	soil treatment 1655
taxonomy 7237	virulence 1673	Agrostis
Adjuvants, control, Fusarium oxysporum	Agrobacterium radiobacter	Cladochytrium caespitis, symptoms
f.sp. niveum, watermelons 2353	antagonism, plant pathogens 2127	396 diseases, Turkey 1394
Aecidium foetidum, Mazus miquelii 210	control	root rots
Aecidium mori, IMI descriptions 7254 Aecidium philadelphi, taxonomy 211	Agrobacterium tumefaciens 2452, 6203	Florida 3355
Aegilops	apples 2770	fungi 3355
diseases, breeding 5527	Fagus sylvatica 5313	Agrostis stolonifera var. palustris
Leptosphaeria nodorum, genetics 7493	molecular genetics 2452	Pythium aphanidermatum, antagonis
Aegilops squarrosa, Erysiphe graminis,	nucleotide sequences 5251	397
genetics 7489	Agrobacterium rhizogenes	Rhizoctonia solani, antagonists 397
Aegle marmelos, plant extracts, antifungal	carrots 2338	Sclerotinia homoeocarpa, biological control 4917
agents 3027, 3967  Aerva, mycorrhizas, India 5349	control, Agrobacterium tumefaciens,	Agrozim, seed treatment, maize 321
Aeschynomene virginica, Colletotrichum	cherries 7805 genetic transformation 8	Air pollution
gloeosporioides f.sp. aeschynomene,	nucleotide sequences 1676	activity
protoplasts 7763	tomatoes 1479	Betula pubescens 8057
Aesculus hippocastanum	virulence 1676	Cochliobolus miyabeanus, biologi
sodium chloride	Agrobacterium tumefaciens	cal control 339
damage 3554	almonds 5772	Fagus sylvatica 8043
Germany 3554 Aflatoxins	apples 2770, 5761, 7784	forests 980, 1490, 4398, 4402 mycorrhizas 96
Brassica campestris 6003	asparagus 662, 6115 biological control 2452, 6203	Ginkgo biloba 5121
grain legumes 4520	Catharanthus roseus 5253	ground vegetation 4444
groundnuts 1073, 1075, 6077	chemotaxis 12, 7005	larch 4437
Indian mustard 4497, 6003	reviews 5258	Laurus nobilis 2708
linseed 2059	cherries 7805	mycorrhizal fungi 7109-7110, 713
maize 4066, 6505, 7556	competition 3078-3079	mycorrhizas 7093, 7135

r pollution cont.	Aleurites montana	Almonds cont.
activity cont.	Glomerella cingulata	Stigmina carpophila
Picea abies 1564, 4437, 4474, 5959,	China 999	environmental factors 913
7136, 8043	control 999	models 913
pines 1553, 4444, 4458, 5958	yield losses 999	Tranzschelia discolor f.sp. dulcis
plant pathogens 6970		
	Aleurodiscus, Tsuga 7285	India 912
potatoes 480	Aleurotrachelus socialis, transmission, cas-	varietal reactions 912
Pseudotsuga menziesii, mycorrhizas	sava X virus 8317	Xanthomonas campestris pv. pruni,
4700	Alfalfa (see Lucerne)	control 2796
Rhizoctonia solani, spinach 5977	Alfalfa mosaic virus	Alnus, microorganisms, decontamination
rice 7650	Buddleja davidii 2697	5084
soil fungi 4458	Capsicum 6117	Alnus cordata
soil microorganisms 1557-1558	Cicer arietinum 2380	Tuber albidum
Thymus capitatus 3490	detection 7361	mycorrhizas
Vaccinium myrtillus, mycorrhizas	grain legumes 2354	growth 73
4459	lucerne 409, 413, 2729-2730, 6607,	synthesis 73
	7754	
wild plants 2430		Alnus glutinosa 2923
damage	molecular genetics 2551	fungi, roots 5086
Abies alba 4441	monoclonal antibodies 3926	Glomus fasciculatum, mycorrhizas,
Aleurites fordii 4428	Phaseolus vulgaris 603, 3623	nitrogen fixation 5338
Fagus sylvatica 531	RNA 241	Paxillus involutus
forest trees 1491, 2252, 4438	serology 3926, 7349	mycorrhizas
	Solanum 7917	herbicides 1745
forests 5099, 8042		
Ginkgo biloba 3571	squashes 6840	nitrogen fixation 1745
Picea abies 1562, 2303, 3571, 5118,	strains 7349	viruses, Czechoslovakia 2923
8047	tobacco 1455, 5908	Alnus incana, ozone, growth 1499
pines 1015-1016, 2298, 3571, 4461-	vectors 7361	Alnus nepalensis, Oidium, Sikkim 4407
4463, 5099	zinc 2551	Alnus rubra, endophytes, British Columb
	Algeria	8080
reviews 4640		
indicator species, pines 6807	Carex distachya, Anthracoidea kuk-	Alnus subcordata, Xanthomonas campes
r spora	konenii 215	tris, Iran 1525
Assam, potatoes 7926	Phoenix dactylifera, Fusarium	Alnus tenuifolia, mycorrhizas, Alaska
India 1847, 4742	oxysporum f.sp. albedinis 7908	1757
cauliflowers 2334	soil, Fusarium oxysporum f.sp.	Alocasia indica, Cercospora alocasiae,
	albedinis 7908	India 208
cotton 5690		Alocasia macrorrhiza
Eleusine coracana 5640	Alkyl phenol ethylene oxide	
wheat, storage 5413	control	diseases
Michigan, Alternaria porri 3673	lettuce big-vein virus, lettuces 5194	Pacific Islands 6940
mushrooms 8293	Olpidium brassicae, lettuces 5194	tissue culture 6940
	Allantophomopsis cytisporea, Vaccinium	Alpova diplophloeus, Alnus tenuifolia,
plant pathogens 2444	2136	mycorrhizas 1757
sampling 4754		Alstonia scholaris
malicine, activity, Myrothecium	Allantophomopsis lycopodina, Vaccinium	
roridum, soyabeans 2369	2136	decay
langia chinensis	Allium	wood anatomy 2308
Pseudocercospora alangii	Peronospora destructor	wood chemistry 2308
	histopathology 3036	Alternanthera, mycorrhizas, India 5349
China 7261	host parasite relationships 3036	Alternanthera sessilis, Fusarium
taxonomy 7261	Puccinia allii, resistance 1631	oxysporum, India 2064
bizia, Ravenelia sessilis, Thailand 205	Puccinia mixta, resistance 1631	Alternaria
bizia falcataria		
diseases	Uromyces ambiguus, resistance 1631	Amaranthus retroflexus 6133
nurseries 2919	Allium cepa (see Onions)	apples 4949, 4956
	Allium chinense	bananas 7824
Tropics 2919	garlic latent virus	barley 1972
bizia julibrissin	Japan 8297	cereals 7431
Fusarium, Shandong 2936	symptoms 8297	Cheiranthus cheiri 7408
Fusicoccum, China 2278		Chinese cabbages 4484
bizia lebbek	translocation 2396	
Polyporus occidentalis, decay 1569	transmission 2396	cotton 838
	onion yellow dwarf potyvirus	grapes 3476
Pycnoporus sanguineus, decay 1569	Japan 8297	Indian Punjab 7242, 7248
Sphaerophragmium luzonicum, Thai-	symptoms 8297	laboratory tests
land 205	Allium porrum (see Leeks)	CGA 173506 6267
Trametes lactinea, decay 1569		plant extracts 264
Ibugo, carnations 3326	Allium roylei, Peronospora destructor,	
bugo candida	genetics 1632	lawns and turf 1394
	Allium sativum (see Garlic)	linseed 6564
Brassica 1030, 4505, 5989	Allium schoenoprasum (see Chives)	maize 5614
Brussels sprouts 4484	Allium victorialis var. platyphyllum, Uro-	Paulownia taiwaniana 3568
Indian mustard 8147	myces japonicus, Japan 697	peaches 431
mustard 5990	Allocasuarina, Hebeloma westraliense,	potatoes 5869
radishes 3596	mycorrhizas, taxonomy 5325	rape 575, 7408
rape 5983		roses 6591
Ibugo occidentalis, spinach 1024, 4491	Allomyces arbuscula, soil 6353	
	Allyl isothiocyanate, activity, Tilletia	sorghum 1354, 4074, 6511
Ibugo tragopogonis, Cnicus agrycanthes	tritici 3745	soyabeans 4547-4548
6146	Almonds	strawberries 5782
lchemilla gracilis, Trachyspora intrusa,	Agrobacterium tumefaciens, India 5772	sunflowers 457
Tibet 1218	Alternaria pruni, India 3226	taxonomy 3886
lcohol, seed treatment, Pennisetum amer-	bud failure, actiology 434	tomatoes 2899
icanum 2015		
	ozone, damage 2783	wheat 3250-3251, 7408, 7457
Iders (see Alnus)	Phytophthora	Alternaria alternata
dimorph, control, cereals, diseases 2588	Australia 6266	apples 2760
ldrin, activity, mycorrhizas 155	control 6266	aubergines 642
leurites fordii	Phytophthora cambivora	bacteria, antagonism 2127
air pollution	Australia 3433	bananas 7828
growth 4428		barley 1327, 1973
	control 3433, 4251	
Sichuan 4428	South Australia 4251	Borago officinalis 7895
Fusarium solani	Pseudomonas amygdali	buckwheat 4080
China 996	control 1419	Capsicum 2411, 4602, 5208, 6775
formae speciales 996	plant growth regulators 914	carrots 6010
isoenzymes 996	Turkey 1419	Centaurea maculosa 3684
	varietal reactions 1419	chicory 6934
Fusarium solani f.sp. aleuritidis		Cicer arietinum 2387, 4577, 6098,
Sichuan 3565	virulence 914	
yield losses 3565	Pseudomonas syringae, copper 6209	8276

Ilternaria alternata cont.	Alternaria dauci	Amanita muscaria
clovers 5723	carrots 2984, 5965	Coniferae, mycorrhizas 1743
conidia 3884	culture media 6339	Picea abies, mycorrhizas 7096
Coriandrum sativum 5823	sporulation 6339	pines, mycorrhizas 66, 77, 88
cotton 4160, 7688	Alternaria dianthi, carnations 2087	Amaranthaceae, mycorrhizas, India 5349
cucumbers 1046	Alternaria gomphrenae, Gomphrena	Amaranthus, mycorrhizas, India 5349
Docynia indica 7709	globosa 5710	Amaranthus hybridus
Eichhornia crassipes 4624	Alternaria helianthi, sunflowers 5004,	Pythium myriotylum
Eleusine coracana 1353	5840, 6702, 7874-7875	shading 365
genetic transformation 199	Alternaria hesperidearum, taxonomy 3886	susceptibility 365
grapes 2833, 5811	Alternaria infectoria, Parthenium	Amaranthus retroflexus
guavas 4979	argentatum 6707	Alternaria, biological control 6133
gums 1846	Alternaria kikuchiana	Drechslera, biological control 6133
hosts 7249	laboratory tests, enactins 4681	Amblysellus grex, transmission, maize
India 5417-5418, 7249	pears 3412	chlorotic dwarf machlovirus 5611
laboratory tests	Alternaria limicola, limes 3886	American hop latent virus, hops 4298
benzothiazolines 39	Alternaria macalpinei, taxonomy 3886	Amine fungicides, structure activity relationships 5300
dithiocarbamate fungicides 7070	Alternaria macrospora, cotton 351, 2052,	2-Aminopyridine, control, Rhizopus
lectins 5239	5690-5692, 6562, 7687-7688	stolonifer, tomatoes 6773
phosphorothioates 4674	Alternaria mali, laboratory tests,	2-Aminothiazole, control, Rhizopus
sulfonylchalcones 6257	phosphazomycins 56	stolonifer, tomatoes 6773
sulfonylcyclohexenones 6257	Alternaria padwickii Eucalyptus tereticornis 1511	Ammi majus, plant extracts, antibacterial
maize 3968	rice 4091, 5648, 7630	agents 6199
mangoes 2150, 4277	Alternaria panax, Schefflera actinophylla	Ammonium bicarbonate, control, ground-
melanins 4718	847	nuts, diseases 1074
pawpaws 2153		Ammonium compounds, control, Fusarium
pears 3374 Phaseolus vulgaris 6865	Alternaria passiflorae, passion fruits 4279 Alternaria pellucida, satsumas 3886	oxysporum f.sp. pisi 596
	Alternaria porri	Ammonium sulfate, control, Fusarium,
pigeon peas 6095 Piper betle 6698	leeks 6922	pines 5948
	onions 637, 3670, 3673, 4590, 6110-	Ammophila arenaria
pomegranates 5802 potatoes 2212, 4331	6111	diseases
rice 7631	pigments 6108	Netherlands 654
safflower 4303	toxins 5432, 8302	soil flora 654
sesame 1437	Alternaria pruni, almonds 3226	Ammophila breviligulata
soil fungistasis 202	Alternaria radicina, carrots 2983-2984,	Acremonium typhinum, endophytes
sorghum 1353	8157	4194
sovabeans 1064	Alternaria raphani, Chinese cabbages 2980	mycorrhizas
strawberries 3374	Alternaria sesami, sesame 4306	population dynamics 7133
sunflowers 3968, 7874-7875	Alternaria sesamicola, sesame 4304	spores 7133
tangelos 3313	Alternaria solani	Amomum subulatum, Glomerella cingu-
tobacco 2887, 2890, 4357-4358, 7983	aubergines 2423	lata, Sikkim 931
tomatoes 509, 6774-6776, 7991, 8018	Capsicum 3953	Amorphophallus campanulatus
toxins 5388, 7180, 7188	metabolites 7203	Septoria aracearum
Vaccinium 2138	pawpaws 2154	India 3896
vegetables 1021	phylloplane fungi, antagonism 2423	taxonomy 3896
wheat 772, 1312, 1963, 5539, 5548,	pigments 6108	Amorphophallus konjac
7449, 7453, 7503-7504	potatoes 480-481, 937, 944-945, 953-	Pseudomonas pseudoalcaligenes subsp.
Ilternaria alternata f.sp. cucurbitae, mel-	954, 2211, 2510, 2858, 2876-2877,	konjaci
ons 2345	4328-4329, 5022, 5881, 5883,	Japan 8326 spread 8326
Ilternaria bataticola, Xanthomonas	6731, 7933	Amoxicillin, activity, Aspergillus niger
campestris, antagonism 7030	soil 4377	3791
Ilternaria brassicae	Solanum 2210	Ampelomyces quisqualis
Brassica 1574, 1578, 2333	tomatoes 691, 968, 972, 2510, 2903,	Hungary 7262
Brassica campestris 4501	2907, 3547, 4377, 5057, 5921,	hyperparasitism
broccoli 2330	5925, 7993, 8021, 8025	Erysiphales 7262
cabbages 2330	Alternaria tagetica, Tagetes erecta 5717	Sphaerotheca fuliginea 1045
Camelina sativa 8148	Alternaria tenuis (see Alternaria	Amphicarpaea bracteata, Synchytrium
cauliflowers 5998, 8139	alternata)	decipiens, genetics 4779, 6142
Cruciferae 5988	Alternaria tenuissima	Amphinema byssoides, Picea abies, mycor-
Indian mustard 6002	groundnuts 618-619, 8223 hosts 7249	rhizas 673
laboratory tests, antibiotics 666	India 5417-5418, 7249	Amphobotrys ricini
mustard 573, 1578, 2331, 5986	pears 1415	Euphorbia pulcherrima 861
radishes 1029	pigeon peas 5192, 6095, 6907	Euphorbia supina 6145
rape 573, 1025, 1578, 2331, 5986, 6268, 6830, 8150	soil 5192	Ampicillin, resistance, Xanthomonas
Alternaria brassicicola	Solanum khasianum 2875	campestris pv. malvacearum 7027
cabbages 4499, 7081	Vaccinium 2138	Amylosporomyces camelicolor, taxonomy 3883
cauliflowers 5998, 7081, 8139	vegetables 1021	
Chinese cabbages 2980	Vigna radiata 8264	Anacardium occidentale (see Cashews)  Anagallis arvensis
laboratory tests	Alternaria triticina	plant extracts
antibiotics 666	enzymes 5401	antibacterial agents 6199
plant extracts 3774	wheat 282, 3252, 5586	antiviral agents 6416
rape 4498, 6830	Alternaria zinniae	Ananas comosus (see Pineapples)
Ilternaria carthami, safflower 3487, 4303,	safflower 4303	Androsace fedtschenkoi
5832	spore germination 395	Thecaphora oberwinkleri
Ilternaria cassiae	sunflowers 7875	China 215
Bauhinia purpurea 3226	Tagetes erecta 2105, 7729	seeds 215
Cassia obtusifolia 650, 3685, 4622,	Aluminium	Anemone, fungi, nomenclature 5410
6136	activity	Anemone coronaria
Ilternaria citri	Lactarius piperatus 74	Colletotrichum acutatum
Bacillus megaterium, antagonism 6290	Suillus variegatus 74	control 6571
citrus 6537	control, potatoes, viruses 4316	corms 6572
taxonomy 3886	tolerance, Suillus variegatus 5319	storage 6572
Ilternaria crassa, Datura stramonium	Alysicarpus vaginalis	tomato spotted wilt virus, Italy 3234
3685	blackeye cowpea mosaic potyvirus	Anethum sowa, plant extracts, antifungal
Ilternaria cucumerina	characteristics 3369-3370	agents 5291
melons 1042, 6851	Florida 3369	Angola
squashes 6851	Amanita citrina, Quercus suber, mycor-	coffee, Glomerella cingulata 6550
watermelons 4509	rhizas 1165	sorghum, Claviceps sorghi 3296

nilazine	Antiviral agents	Apple chlorotic leafspot virus cont.
activity, Mycosphaerella caryigena	activity, citrus, viruses 2672	activity cont.
3562 control	control, Narcissus, viruses 6588 screening 4760	Rosellinia necatrix, apples 4943 apples 2740, 2743-2744, 2755, 3389,
Alternaria solani, potatoes 6731	Aphanomyces cochlioides, sugarbeet 2324	4219, 4943-4944
Botrytis elliptica, Lilium 6568 Glomerella cingulata, coffee 833	Aphanomyces euteiches formae speciales 1881	apricots 2743
Septoria apiicola, celery 6836	lucerne 415, 884, 2121, 3366, 4199	characteristics 2544 cherries 2743, 2800
nnona reticulata	peas 415, 597-598, 3005, 3620, 4530,	detection 2555
Cylindrocladium colhounii Queensland 4280	5152 soil 3366	Malus 4943 monoclonal antibodies 2555, 5472
varietal reactions 4280	spinach 8133	peaches 2743, 2792, 3437
nnona squamosa	Aphanostigme fabacearum, Teramnus labi-	pears 4236
postharvest decay control 6684	alis 7283  Aphelenchoides fragariae, interactions,	plums 2743-2744 serology 5472
India 6684	Pseudomonas cichorii, Baleria cris-	Sorbus aucuparia 2923
nthemis cotula, Puccinia anthemidis, Japan 697	tata 6573 Aphidoidea	Apple mosaic ilarvirus apples 1409, 3393, 4937, 4946
nthocephalus chinensis, Phaeoisariopsis	transmission	roses 866
anthocephala, Tropics 2920 nthracoidea caryophylleae, Carex 4746	artichoke latent virus 6114 barley yellow dwarf luteovirus 4764,	Apple rubbery wood virus
nthracoidea kukkonenii, Carex distachya	7730	apples 3393 pears 2129
215	beet western yellows luteovirus 4764	Apple scar skin viroid, detection 7765
nthracoidea limosae, Carex 4746 nthracoidea pilosae, Carex 4746	cucumber mosaic cucumovirus 4601, 7758	Apple spy epinasty and decline virus apples 2740
nthurium	faba beans, viruses 606	pears 4236
Pythium, Hawaii 2073	papaya ringspot potyvirus, pawpaws 5798	Apple stem grooving capillovirus
Trichoderma, Hawaii 2073 Verticillium, Hawaii 2073	potato Y potyvirus 3502, 5511	apples 2740, 3372, 3389, 4944 characteristics 2544
Xanthomonas campestris pv.	potatoes, viruses 468, 2189, 4316,	pears 4236
dieffenbachiae biological control 2078	5862 sugarbeet, viruses 6824	Apple stem pitting virus apples 3375, 4944
breeding 2080	turnip mosaic potyvirus 8197	pears 4236
control 2077, 2079 economics 2065	viruses 704, 1241 models 3905, 5245	Apples
environmental factors 2067, 2072,	reviews 3905, 5245, 7342	Agrobacterium tumefaciens biological control 2770
2084	Aphids (see Aphidoidea)	British Columbia 2770
epidemiology 2071 fertilizers 2066	Aphis, transmission, barley yellow dwarf luteovirus 1989	control 2770 genetic transformation 7784
genetic engineering 2081	Aphis craccivora	isolation 5761
Hawaii 2065	transmission	opines 5761
indexing 2083 Jamaica 2074	clover yellow vein potyvirus 420 groundnuts, viruses 6885	virulence 7784 Alternaria
pesticides 2066	Aphis fabae	epiphytes 4949
Philippines 2076 research 2085	transmission barley yellow dwarf luteovirus 1989	Poland 4949 apple chlorotic leafspot virus
sap 2070	beet yellows closterovirus 5126	characteristics 2744
serology 2083	Aphis gossypii	elimination 3389
Tahiti 2075 tissue culture 2082	transmission carnation mottle carmovirus 1383	Finland 2755 interactions 4943
varietal reactions 2067, 2076	cucumber mosaic cucumovirus	isolates 2744
yield losses 2065 nthurium andreanum	1037, 3607 garlic latent virus 2396	purification 2755 research 4219
diseases	potato Y potyvirus 6132	symptoms 2743-2744
Hawaii 848 integrated control 848	zucchini yellow mosaic potyvirus 6839	varietal reactions 2755 apple mosaic ilarvirus
Xanthomonas campestris pv.	Aphis nasturtii	frost injury 3393
dieffenbachiae	transmission	photosynthesis 1409
fertilizers 2069 infection 2068	potato leaf roll luteovirus 5008 potato S carlavirus 2193	resistance 4946 testing 4946
varietal reactions 2069	potato Y potyvirus 5008	transpiration 1409
ntibiotics activity	potatoes, viruses 939  Aphis spiraecola, transmission, citrus	varietal reactions 1409, 3393 apple rubbery wood virus
Erwinia amylovora 3089	psorosis virus 4122	frost injury 3393
Erwinia carotovora subsp. carotovora 1583	Aphyllophorales Colombia 5409	varietal reactions 3393 apple stem grooving capillovirus
Fusarium oxysporum 3128	ecology 3181	elimination 3389
plant pathogens 57, 4681	Germany 3181	rootstock scion relationships 3372
Valsa ceratosperma 7083 Xanthomonas campestris pv. gly-	Indian Punjab 3883 Korea Republic 4747, 6366	apple stem pitting virus British Columbia 3375
cines, soyabeans 616	Apiognomonia erythrostoma, apricots 2795	elimination 3375
control  Alternaria brassicicola	Apiognomonia veneta, Platanus occidentalis 1516	bacteria, detection 7768 bitter pit
cabbages 7081	Apiospora, Areca catechu 5855	calcium 6635, 6637
cauliflowers 7081	Apiosporina collinsii, IMI descriptions 7254	enzymes 1413
soil 7081 Aspergillus niger, fruits 3791	Apium graveolens (see Celery)	storage 6637 Botryosphaeria dothidea
Fusarium oxysporum f.sp.	Apocynum venetum var. basikuromon,	pathogenicity 4226
officinalis, asparagus 8304  Valsa ceratosperma, apples 7782	Melampsora apocyni, Japan 697 Apostrasseria, Chamaecyparis nootkatensis	Pennsylvania 4226 phenols 4225
Xanthomonas campestris, Brassica	8117	varietal reactions 4225
1582	Apostrasseria lunata, Vaccinium 2138, 3450, 6655	Botryosphaeria obtusa control 1411, 3394, 5754, 5759
Xanthomonas campestris pv. oryzae, rice 7642	Apparatus (see also Techniques)	forecasting 3394
usage, reviews 7079	forecasting, Venturia inaequalis, apples	inoculation 5753
ntimucin-T, control, Ustilago scitaminea, sugarcane 7965	2758 monitoring, spraying equipment 3747	pathogenicity 4226 Pennsylvania 4226
ntipyrinyl-2-azetidinones	Apple chlorotic leafspot virus	spore germination 3397
Aspergillus flavus 3754	activity  Helicobasidium mompa, apples	toxins 3398 varietal reactions 3398
Aspergillus niger 3754	4943	water 3397

Apples cont.	Apples cont.	Apples cont.
Botrytis cinerea	fungicides, transpiration 4221	Phytophthora cactorum cont.
biological control 3399	Gloeodes pomigena	testing 1410 UK 4953
control 4940	control 6622, 7772 postharvest decay 6622	varietal reactions 1410
epiphytes 4949	Glomerella cingulata	Wisconsin 5741
Poland 4949 postharvest decay 3399, 4940	control 2760	Podosphaera leucotricha
brown core	fungicide tolerance 2760	control 2470, 3958, 4936, 6273
controlled atmosphere storage 903	Netherlands 2760	Germany 2470
varietal reactions 903	Glomus intraradices, mycorrhizas,	host parasite relationships 5509
cankers	ultrastructure 1783	integrated control 1407
control 5745	Glomus versiforme	plant extracts 3958
India 5745	mycorrhizas	USSR 6623
Coprinus psychromorbidus	growth 7117	varietal reactions 6623
histopathology 5757	potassium 7117	Polyporus, fertilizers 902
pathogenicity 725	Gymnosporangium clavipes, varietal	postharvest decay, control 5756
storage 5757	reactions 4948	proliferation
temperature 725	Gymnosporangium globosum, varietal	histopathology 5744
Corticium rolfsii, Israel 2761	reactions 4948	mycoplasma-like organisms 5743-
Corticium salmonicolor	Gymnosporangium juniperi-virginianae	5744
India 2563	control 3394	resistance 5743
isolates 2563	forecasting 3394	Pseudomonas
diseases	varietal reactions 4948	isolation 5761
Belgium 4205	Helicobasidium mompa, susceptibility	opines 5761
biological control 2127	4943	Pseudomonas syringae pv. papulans
breeding 7769-7770	Monilinia, enzymes 6630	antibiotics 6634
California 4207	Monilinia fructigena	control 4234
control 3388, 4207, 4939, 4942,	control 7783	DNA probes 4234
5739	Himachal Pradesh 5752	Michigan 4234
databases 3388	postharvest decay 5760 quality 5760	molecular genetics 6634 New York 6634
Germany 3388 Mexico 5746	storage 4228, 5752	Pythium ultimum
monitoring 3388	temperature 4228, 5752	control 4955
USSR 4942	varietal reactions 5760	fertilizers 4955
varietal reactions 4205	Monilinia laxa	histopathology 7781
Washington 4939, 5739	control 7783	India 4955
Epicoccum nigrum, Moldavian SSR	Himachal Pradesh 5752	replant disease
426	postharvest decay 5760	antagonists 7771
Erwinia amylovora	quality 5760	biological control 2126
agglutinins 7080	storage 4228, 5752	British Columbia 6638
bioassays 3408	temperature 4228, 5752	control 4208, 7771
biological control 2765-2766, 3401,	USSR 5755	edaphic factors 6638
4231	varietal reactions 5755, 5760	estimation 2771
breeding 3402	mycoplasma-like organisms	fertiltzers 7771
characteristics 3385	control 3390, 3392	Rosellinia necatrix
control 2751, 3376-3379, 3400,	detection 4945	control 3769
4213, 4217, 4230, 4233, 7767	DNA probes 4945	Queensland 3769
Cyprus 3376	frost injury 3393	susceptibility 4943
detection 3406	restriction fragment length polymor-	scald
elimination 894	phism 4945	biochemistry 6636
environmental factors 2748, 3409-	Switzerland 3392	control 1414, 2128, 2772
3411, 4212, 4214	transmission 3391	controlled atmosphere storage 903
eradication 3334	varietal reactions 3393	storage 1414, 2772, 6636
forecasting 3386-3387, 3407, 3409-	Washington 3390	varietal reactions 903
3411, 4213-4214	mycorrhizas	Schizothyrium pomi
France 2751, 3401	biology 1780	control 6622, 7772
Greece 3385	Czechoslovakia 1781	North Carolina 429
heat treatment 894, 3380	plastids 1792	postharvest decay 6622
host parasite relationships 7080	Penicillium (632)	spore dispersal 429
infection 2766	British Columbia 6632	soil sickness, diagnosis 1406
inoculation 3404	control 6632	storage decay
Israel 2747, 3382	fungicide tolerance 6633	Brazil 4956
Maryland 3409-3410	New York 6633	control 5759
metabolites 2763 Mexico 3381, 5762	packhouses 6632-6633	fungicide tolerance 6621
models 3407, 3409-3411	Penicillium claviforme, biological control 2126	toxins 4956
mutants 3405	Penicillium expansum	tomato ringspot nepovirus testing 4220
New Zealand 2748, 2762, 3406	control 4940, 5758	transmission 4220
Norway 3334	fungicide tolerance 4229	Trichoderma, Wisconsin 5741
Ontario 4211	postharvest decay 4940	Valsa ceratosperma
pathogenicity 2750, 3404	Spain 4229	China 7782
Pennsylvania 4233	storage 4229	control 901, 4227, 7782
Poland 4212	pesticides	plant extracts 427-428
population dynamics 3405	Italy 4661	Valsa mali, varietal reactions 1412
pruning shears 2764	residues 4661	Venturia, control 6269
strains 2767-2769	Phytophthora	Venturia inaequalis
testing 2753-2754	Australia 6266	antagonists 3395-3396
toxins 2750	control 6266	breeding 2756, 4950, 7773
transmission 2764	Phytophthora cactorum	British Columbia 5749
USA 2748	antagonists 5741	control 895, 897-898, 2470, 2759,
varietal reactions 2753-2754, 2767-	biological control 900	3394, 3769, 4951, 5751, 6624
2768, 4232	British Columbia 4224	6626, 6629, 7776-7777
virulence 2769, 3408	control 4224	economics of control 262
West Virginia 4214	environmental factors 899, 4953	epidemiology 6627
Erwinia herbicola, survival 4231	Himachal Pradesh 7780	flavanols 4222, 4938
fruit crinkle	host parasite relationships 7780	forecasting 2758, 3394
symptoms 5742 transmission 5742	isolates 7780	fungicide tolerance 4952, 5749-
varietal reactions 5742	Pakistan 4223	5750, 6625 genetics 5747-5748, 7774
fungicide residues 7063	physiology 4954 rootstocks 899, 4953-4954, 7780	Germany 2470
New Jersey 1732	somaclonal variation 7779	Himachal Pradesh 6629

pples cont.	Arachis hypogaea (see Groundnuts)	Arrhenatherum elatius, Puccinia coronata,
Venturia inaequalis cont.	Arctic regions, mycorrhizas, Canadian	Czechoslovakia 4189
histopathology 5748	Northwest Territories 1156	Artemisia dracunculus, Glomus mosseae,
host parasite relationships 7778	Arctium lappa, Pythium irregulare, Japan	mycorrhizas, growth 5339
India 896	2521	Arthraxon lanceolatus
inoculum 896, 7775	Areca catechu	Sporisorium arthraxonis
integrated control 1407	Ceratocystis paradoxa, physiology	China 7260
isolates 7778	7411	taxonomy 7260
Ohio 262	Phyllosticta arecae, control 466	Arthrinium, sugarcane 2223
overwintering 7775	Phytophthora	Arthrinium phaeospermum, sugarcane
Queensland 3769	fungicide tolerance 5518	2223
resistance 5747	Kerala 5518	Arthrinium sacchari, sugarcane 2223
spore dispersal 6628	Phytophthora meadii	Arthrinium saccharicola, sugarcane 2223
storage 7777	Karnataka 7396, 7910	Arthrobacter
strains 5750	survival 7910	fatty acids 3085
survival 1408	storage decay, biochemistry 5855	taxonomy 3085
symptoms 5748	Argentina	Arthrographis pinicola
temperature 5751	Baccharis coridifolia, Ceratopycnidium	antagonism, Ophiostoma clavigerum
USSR 4950, 6623, 7773, 7778	baccharidicola 7276	4449
varietal reactions 4222, 6623, 7774	Borago officinalis, Alternaria alternata	pines 4449
Washington 898	7895	Arthropods
viruses	citrus	transmission
elimination 2740	citrus psorosis virus 4122	
Greece 2741	psorosis 5666	Glomerella cingulata 4140
		plant pathogens 6161
identification 2746 resistance 4944	Lotus tenuis, Stemphylium loti 7762	viruses 1242
	melons, Alternaria cucumerina 6851	Artichoke latent virus, globe artichokes
rootstocks 4944	Paulownia taiwaniana, fungi 3568	6114
transmission 2746	pears	Artichoke mottled crinkle tombusvirus,
pricot ring pox virus, cherries 3448	Butlerelfia eustacei 6640	globe artichokes 6925
pricots	Cladosporium herbarum 6639	Artichokes, cucumber mosaic cucumovirus,
Apiognomonia erythrostoma	soil, fungi 7213	Tunisia 4596
Austria 2795	squashes, Alternaria cucumerina 6851	Artocarpus altilis, Glomerella cingulata,
control 2795	wheat, Cochliobolus lunatus var. aeria	Kerala 5801
apple chlorotic leafspot virus, symptoms	7498	Aryloxyhydrazines
2743	Argentine plantago potexvirus, crystals 713	activity
diseases	Aristastoma camarographioides, Pueraria	Aspergillus niger 7066
control 4256	phaseoloides 7289	Cochliobolus miyabeanus 7066
USSR 4256	Armillaria	Aryltetrazole-5-sulfones, activity, Plas-
Leucostoma cinctum	Acer saccharum 2258	mopara viticola 5813
infection 2133	Chamaecyparis nootkatensis 8117	Asclepias syriaca
wounds 2133	Europe 3190	cucumber mosaic cucumovirus
Monilinia fructigena, control 433	forest trees 527	Hungary 8327
Monilinia laxa, control 433	Italy 695, 5411	Yugoslavia 8327
mycoplasma-like organisms	mitochondrial genetics 3158	Ascochyta
France 3442	Picea glauca 1528	cucumbers 6012
varietal reactions 3442	pines 1528	Czechoslovakia 7245
ozone, damage 2783	Populus grandidentata 5080, 8077	faba beans 4522
Phytophthora cactorum	Populus tremuloides 5080, 8077	peas 4522
control 4252	taxonomy 3190	taxonomy 7245
	trees 4390	Ascochyta cypericola, conidia 6946
Victoria 4252	Armillaria calvescens, Acer saccharum	Ascochyta fabae
plum pox potyvirus	5067	faba beans 607, 4544, 6873, 8199
detection 3432, 3441		toxins 4522
DNA probes 3441	Armillaria gemina, Acer saccharum 5067	
epidemiology 3443	Armillaria limonea, pines 8096	Ascochyta fabae f.sp. lentis, lentils 6087 Ascochyta fagopyri, buckwheat 4080
France 3443	Armillaria lutea, forests 528	
Greece 3444	Armillaria luteobubalina	Ascochyta gossypii, sesame 4304
varietal reactions 3444-3445	Eucalyptus 538	Ascochyta heteromorpha
Rhizopus stolonifer, pathogenicity	Eucalyptus diversicolor 1510	oleander 2711
7800	stone fruits 3769	tomatoes 7 Ascochyta hordei, barley 779
Tranzschelia discolor	Armillaria mellea	
Ukrainian SSR 4962	Byelorussian SSR 1487	Ascochyta imperfecta (see Phoma
varietal reactions 4962	ecology 1487	medicaginis)
Tranzschelia pruni-spinosae	Fagus sylvatica 1505	Ascochyta lentis, lentils 8282
Pakistan 7247	forest trees 979, 1529	Ascochyta phaseolorum, Vigna mungo
Ukrainian SSR 4962	Gastrodia elata 4921	3000
varietal reactions 4962	Hyssopus officinalis 1434	Ascochyta pinodes (see Mycosphaerella
rab countries	Lavandula stoechas 1434	pinodes)
citrus, diseases 719	Opuntia ficus-indica 5804	Ascochyta pisi
grapes	Origanum vulgare 1434	laboratory tests, phytoalexins 7152
diseases 719	Picea abies 8110	peas 3002, 4526, 4528, 6042, 8183,
viruses 923	Populus 5077	8185
stone fruits, diseases 719	Quercus 985, 2265	toxicity, phytoalexins 3756
rabidopsis thaliana	Salvia officinalis 1434	toxins 4522
diseases, Switzerland 1650	Salvia triloba 1434	Ascochyta pteridis, Pteridium aquilinum
plant extracts, antifungal agents 6975	sesquiterpenes 188, 4727	3060
Pseudomonas syringae pv. tomato	Sideritis roeseri 1434	Ascochyta rabiei, Cicer arietinum 1081,
genetics 3106	Armillaria novae-zealandiae, pines 8096	1087, 2386, 2388, 3025, 3658, 4571,
host parasite relationships 3106	Armillaria obscura	4573, 4582, 5189, 5191, 6906, 8258-
virulence 3106	clones 3844	8260, 8272
Xanthomonas campestris pv. campes-	diploidy 3844	Ascochyta trifolii, clovers 7732
tris, genetics 6949	incompatibility 3844	Ascodichaena mexicana, Quercus 4416
rabis mosaic nepovirus	pines 1539	Ascomycetes
Betula pendula 2923	Armillaria ostoyae	Armenian SSR 6364
cloning 3196	Acer saccharum 5067	Himachal Pradesh 7239
clovers 4927	Coniferae 3569	Ash (see Fraxinus)
detection 3196	pines 5094	Ashbya gossypii, citrus 5669
grapes 5808	Pseudotsuga menziesii 6800	Asia
molecular genetics 7359	Pseudotsuga menziesii var. glauca	crops, diseases 1926
nucleotide sequences 3209	4465	pesticides, usage 1136
Sambucus nigra 2923	Armillaria sinapina, Acer saccharum 5067	potatoes, viruses 6718
satellite RNA 3209	Armoracia rusticana (see Horseradish)	quarantine 7090
OMPORTED ACTUAL SECTION		1

Asia cont.	Aspergillus flavus cont.	Aspergillus niger cont.
rice, viruses 4087	Corylus avellana 1521	laboratory tests cont.
Asparagus	cotton 348, 2689-2690, 3319, 4162,	plant oils 7052
Agrobacterium tumefaciens	5694 cowpeas 8244	thiazolidinones 1711 thiourea 3765
histopathology 662 molecular genetics 6115	Datura metel 7888	triazines 3765
plant growth regulators 6115	Eleusine coracana 5642	triazole fungicides 1724
asparagus 2 ilarvirus	faba beans 5163	maize 1991
detection 2400	Geotrichum candidum, antagonism	onions 8299
Italy 2400	7151	Pennisetum americanum 2653
Ontario 4595	groundnuts 622, 1073, 1075, 1612, 3648, 6077, 6893, 7400, 8222,	Phyllanthus emblica 3791 plums 3791, 7791
Botrytis cinerea, control 5202 Cercospora asparagi	8225	production, antibiotics 7084, 7672
control 3674	Indian mustard 6003	safflower 7400
yield losses 3674	laboratory tests	Strychnos nux-vomica 5847
decline, phenolic acids 7149	antifungal agents 5297	sunflowers 7400
fungicides, application 5202	antipyrinyl-2-azetidinones 3754	tomatoes 504, 2244, 4378
Fusarium oxysporum f.sp. asparagi,	carbazides 1712 hydrazones 1712	toxins 3169 turmeric 7887
seed treatment 638 Fusarium oxysporum f.sp. officinalis	plant extracts 7054-7055	vegetables 1021
antibiotics 8304	plant oils 44, 7052	wheat 3251, 5588
biological control 8304	thiazolidinones 1711	yams 8324
Fusarium proliferatum	thiazolotriazoles 7067	Aspergillus ochraceus
Connecticut 1094	triadimenol 1145	garlic 1091
pathogenicity 1094	Leguminosae 4520 maize 320, 1348, 1991, 2000, 3292-	wheat 7447 Aspergillus parasiticus
Glomerella cingulata, seed treatment 638	3293, 4067, 4858, 4861, 6505,	groundnuts 622, 1073, 1612, 3648,
Glomus, mycorrhizas, growth 5351	7551, 7563	6893
Glomus fasciculatum, mycorrhizas,	metabolism, flavonoids 7206	laboratory tests, coumarins 1147
phenolic acids 7149	molecular genetics 1816	maize 1348, 4067
pesticides, application 5201	mustard 5139	sunflowers 2174
Phomopsis javanica	Pennisetum americanum 3300 production, antibiotics 7084, 7672	toxins 1800, 5400, 7168 wheat 5588
Java 8303 taxonomy 8303	rice 7598	Aspergillus repens, maize 2003
Phytophthora cryptogea	safflower 7400	Aspergillus ruber, peas 6860
control 5199	sesame 4304, 5517	Aspergillus sydowii
flooding 5199	soil 8270	faba beans 172
Phytophthora megasperma var. sojae	soyabeans 5174, 5517, 6879	maize 1991
control 5199	Strychnos nux-vomica 5847 sunflowers 7400	Aspergillus tamarii, wheat 5588 Aspergillus terreus, cowpeas 3652
flooding 5199  Puccinia asparagi	toxins 195, 1145, 5400, 6520, 7168	Aspergillus versicolor
control 6933	turmeric 7887	cereals 7434
inoculation 2402	wheat 5588, 7447	clovers 5723
varietal reactions 2402	Aspergillus fumigatus	coffee 4144
replant disease	antagonism, Fusarium oxysporum f.sp.	Aspergillus zhaoqingensis
Netherlands 5200	ciceris 8274 coffee 6555	taxonomy 6369 toxins 6369
yield losses 5200 Stemphylium	laboratory tests	Asperisporium pongamiae, Pongamia pin-
host parasite relationships 639	phenolic compounds 1720	nata 2182
infection 639	plant extracts 7056	Asphodelus fistulosus
tobacco streak ilarvirus, Ontario 4595	spore germination 1720	Puccinia barbeyi
Asparagus 2 ilarvirus, asparagus 2400,	sugarbeet 5972	Australia 5228
4595 Aspergillus	toxins 3163 Aspergillus glaucus	biological control 5228  Aster chlorotic stunt carlavirus, Aster
antagonism	maize 1349, 1991	novae-angliae 4615
Pleurotus 1089	rice 7598	Aster novae-angliae
Xanthomonas campestris pv. citri	Aspergillus nidulans	aster chlorotic stunt carlavirus
7672	cereals 7434	characteristics 4615
Areca catechu 5855 coffee 6543	cowpeas 3652	Ontario 4615
control, Rhizoctonia solani, chrysanthe-	fungicide tolerance 5398 groundnuts 6074	Asteridiella cratoxylonicola, Cratoxylon 1844
mums 856	laboratory tests, fungicides 1721	Asterina
Fagus sylvatica 1506	molecular genetics 5398	Australia 5424
grapes 2833	Aspergillus niger	India 6361
gums 1846	Annona squamosa 6684	taxonomy 5424, 6361
laboratory tests, isoflavans 3758	antagonism	Athelia bombacina, antagonism, Venturia
lawns and turf 1394 linseed 2059	Claviceps fusiformis 328, 7579 Xanthomonas campestris pv. citri	inaequalis 3395-3396
maize 318, 5614, 5616	7673-7674	Atkinsonella texensis, Stipa leucotricha 2118
potatoes 6722	Areca catechu 5855	Atropellis piniphila, pines 2287
production, antibiotics 7673-7674	aubergines 3052	Aubergines
proteins 1876	bananas 2148	Alternaria alternata, fertilizers 642
rice 2021	Cicer arietinum 2383, 6091	Alternaria solani, antagonists 2423
sunflowers 457 taxonomy 1220, 1876, 7292	citrons 3791	Aspergillus niger, seed germination
tobacco 498-499, 4360	control, Fusarium udum, pigeon peas 8268	3052  Clavibacter michiganensis subsp.
wheat 1282	grapes 5811, 6694	sepedonicus
Aspergillus candidus	groundnuts 1615, 4561-4562, 6079,	detection 2454
carrots 6010	6882, 7400, 8222, 8225	mixed infections 2880
Coriandrum sativum 5823 rice 7598	guavas 4979, 6675	photoperiod 3521
Aspergillus clavatus	laboratory tests	plant growth regulators 3521
antagonism, Xanthomonas campestris	antipyrinyl-2-azetidinones 3754 aryloxyhydrazines 7066	symptoms 2880 Cochliobolus spicifer, enzymes 1103
pv. citri 7673-7674	benzothiazolines 39	diseases
production, antibiotics 7084, 7672	carbazides 1712	control 261
Aspergillus flavus	fluorophenylmaleimides 7058	India 7405
antagonism, Xanthomonas campestris	hydrazones 1712	reviews 7405
pv. citri 7673-7674 Brassica campestris 6003	imidazoles 1719	eggplant mild mosaic virus, pollen 2417
Cicer arietinum 2383, 6091, 8270	imidazotriazoles 7065 oxadiazoles 1717	eggplant mosaic tymovirus characteristics 3678
Coriandrum sativum 5823	plant extracts 3774, 5291, 7054	cytopathology 3678

Aubergines cont.	Australia cont.	Australia cont.
eggplant mottled dwarf rhabdovirus	New South Wales cont.	Western Australia cont.
Jordan 3050	Xanthium	Eucalyptus, mycorrhizas 5326
strains 3050	Colletotrichum orbiculare 653	Eucalyptus diversicolor, Armillar
Turkey 2416	Phomopsis 653	luteobubalina 1510
Fusarium	Queensland	Eucalyptus marginata,
varietal reactions 643	Ageratum houstonianum, tobacco	Phytophthora cinnamomi 50
virulence 643	streak ilarvirus 5043	Gaeumannomyces graminis var.
Fusarium oxysporum	Annona reticulata, Cylindrocladium	tritici 308
India 8119	colhounii 4280	lupins
infection 8119	apples	Diaporthe woodii 2735
storage 8119	Rosellinia necatrix 3769	Pleiochaeta setosa 5735
Fusarium oxysporum f.sp. melongenae,	Venturia inaequalis 3769	Medicago polymorpha var. brevis-
Maharashtra 4605	bananas, Fusarium oxysporum f.sp.	pina, Phoma medicaginis 66
Fusarium solani	cubense 2149	pines, Diplodia pinea 5951
control 1104, 2418	celery, Septoria apiicola 3769	soil 308
Nematoda 1104-1105	clovers, Phytophthora 3951	Ursinia anthemoides, Puccinia
Gibberella fujikuroi India 8119	Cryptostegia grandiflora,	ursiniae 3066 wheat 308
infection 8119	Maravalia crytostegiae 6140	almonds, Phytophthora cambivora
storage 8119	Datura stramonium, datura yellow vein virus 7375	3433
Glomus fasciculatum	Eucalyptus pilularis, mycorrhizas	Asphodelus fistulosus, Puccinia
mycorrhizas	1164	barbeyi 5228
phosphorus 141, 146	garlic, viruses 2395	Asterina 5424
varietal reactions 141	Hibiscus cannabinus, diseases 2061	avocados
little leaf	lettuces, viruses 4584	diseases 7819
control 6126	lucerne, Aphanomyces euteiches	disorders 7819
mycoplasma-like organisms 6126	3366	barley
Phomopsis vexans	maize, diseases 1993	Puccinia graminis 1975
control 1639	ornamental plants, Phytophthora	Rhynchosporium secalis 785
varietal reactions 6127	3951	Capsicum, potato leaf roll luteovirus
Pseudomonas solanacearum	peaches, Monilinia fructicola 3769	1099
breeding 1640, 3049, 4607	peas, Oidium 6034	cherries, Phytophthora cambivora 343
India 7419	soil, Aphanomyces euteiches 3366	citrus
integrated control 7419	soyabeans, Phytophthora megas-	Septoria citri 5677
Nematoda 8314	perma f.sp. glycinea 8213	Septoria depressa 5677
resistance 4606	stone fruits, Armillaria lute-	cotton, Xanthomonas campestris pv.
Pythium aphanidermatum, biological	obubalina 3769	malvacearum 1381
control 644	Stylosanthes scabra, Glomerella	Digitaria, pangola stunt fijivirus 7733
Sclerotinia sclerotiorum	cingulata 4202	Dipladenia sanderi
epidemiology 8313	tobacco	dipladenia mosaic virus 379
India 2419	Pseudomonas solanacearum 6761	tobacco mosaic tobamovirus 379  Erwinia amylovora, quarantine 4209
yield losses 2419 tobacco mosaic tobamovirus	tobacco streak ilarvirus 5043	Eucalyptus, Phytophthora 8066
identification 2415	tomatoes, Fusarium oxysporum	Eucalyptus marginata
Turkey 2415	f.sp. lycopersici 4375	Phytophthora 8066
Verticillium albo-atrum, biological	South Australia	Phytophthora cinnamomi 8067
control 3679	almonds, Phytophthora cambivora	Ficus, Xanthomonas campestris pv. fi
Verticillium dahliae	4251	5709
biological control 2420-2422	Celosia argentea, Rhizoctonia	forests
breeding 3049	solani 7706	dieback 8032
California 2908	cherries, Phytophthora cambivora	diseases 8032, 8036
China 3230	4251	grapes
control 2908	Eucalyptus obliqua, mycorrhizas	Botrytis cinerea 2841
resistance 3680	1174	diseases 2826-2827
varietal reactions 3051	grapes	fungicides 2827-2828
virulence 3230	diseases 2830-2832	Plasmopara viticola 2836
Auerswaldiella parvispora, Terminalia	Plasmopara viticola 4286	Uncinula necator 2837
ivorensis 698	lucerne	groundnuts, Pseudomonas
Aulacorthum solani, transmission, soybean	Acrocalymma medicaginis 885	solanacearum 8238
dwarf luteovirus 8204-8205	Phomopsis 885 Melaleuca uncinata, mycorrhizas	Imperata cylindrica, Myriellina imper atae 7278
Aureobasidium pullulans	1174	Inuleae, mycorrhizas 1737
barley 1973 control	Tasmania	leeks, leek yellow stripe potyvirus 610
Alternaria porri, onions 3670	Eucalyptus	Monstera deliciosa, Puccinia paullula
Apostrasseria lunata, Vaccinium	dieback 8070	5712
2138	mycorrhizas 2494	Nothofagus cunninghamii, Chalara
Strasseria oxycocci, Vaccinium	grasses, barley yellow dwarf lute-	australis 4426
2138	ovirus 7730	pastures, diseases 6597
guavas 4979	Nothofagus cunninghamii, Chalara	phosphorous acid, usage 3697, 6266
laboratory tests,	australis 8055	pines, Phytophthora cinnamomi 5954
fluorophenylmaleimides 7058	peas	plant diseases, quarantine 6296, 7085-
Aureobasidium vaccinii, Vaccinium 7809	Oidium 6034	7086
Aureofungin	Uromyces minor 2359	Proteaceae
activity, Botryodiplodia theobromae,	Victoria	Periconiella 7273
pears 5766	apricots, Phytophthora cactorum	Stenella 7273
control	4252	Rhizanthella, mycorrhizas 5324
Ganoderma lucidum, coconuts 4314	barley, Rhynchosporium secalis	rivers, Erwinia chrysanthemi 16
Xanthomonas campestris, cauliflow-	7534 Cumhidium adantaglassum ringspat	Stenotaphrum secundatum, Puccinia stenotaphricola 405
ers 8155	Cymbidium, odontoglossum ringspot tobamovirus 387	Stylosanthes, Glomerella cingulata
seed treatment, cauliflowers 8155	Eucalyptus, Armillaria lute-	1405
Australia, trees, mycorrhizas 5315	obubalina 538	Stylosanthes hamata, Glomerella
Australia New South Wales	grapes, Botrytis cinerea 2842	cingulata 6616
Eucalyptus, dieback 8069	pastures, ryegrass mosaic virus 4188	trees, decline 8045
grapes, diseases 2829	peaches, Phytophthora cactorum	Ulmus, Michenera artocreas 5942
Nothoscordum inodorum, nothos-	4252	Ustilago zeae, viruses 3948
cordum mosaic potyvirus 2107	pines, Mycosphaerella pini 8093	vegetables, diseases 6815
Stenotaphrum secundatum, sugar-	Western Australia	weeds, biological control 3059
cane mosaic potyvirus 2107	barley, Erysiphe graminis 3280	wheat
wheat Cibbaralla maga 1827 6170	clovers Kahatiella caulivara 7750	diseases 1278

Australia cont.	Azadirachta indica	Bacteria cont.
wheat cont.	plant extracts	pathogenesis 3718
Gaeumannomyces graminis var.	antifungal agents 4580, 6884, 7226	plant diseases, books 661
tritlet 4003	antiviral agents 6416, 6884	quarantine, reviews 6999
Rhizoctonia solant 4003 Austria	plant oils, antifungal agents 1709 Rhizoctonia solani	Bacteriology, techniques, books 6197 Bacteriophages, biological control,
apricots, Aplognomonia erythrostoma	control 2256	Pseudomonas solanacearum, tobacco
2795	India 2256, 5061	1464
cereals	Azaleas (see Rhododendron)	Bagcheea taiwanensis, Cyclobalanopsis
diseases 2467	Azospirillum brasilense, antagonism, plant	stenophylloides 7264
seed treatment 2467	pathogens 2127	Balansia cyperi
crops, diseases 2557	Azotobacter chroococcum, antagonism,	Cyperus 3488
cucumbers, Pseudoperonospora cuben-	Fusarium oxysporum f.sp. lycopersici	Cyperus virens 1393
sts 2995	8010	Balansia epichloe, Sporobolus poiretti
Dactylis, Mastigosporium muticum	Babacos (see Carica pentagona)	1393
880	Baccharis coridifolia	Balansia henningsiana, Panicum agros-
Erwinia amylovora 4649	Ceratopycnidium baccharidicola	toides 403
forests, decline 1482, 8042	Argentina 7276	Bamboos
fruit, diseases 4947	taxonomy 7276	Aciculosporium take
grapes	Bacillus	China 1520
diseases 3472	antagonism	witches' brooms 1520
Eutypa lata 4984	Dothiorella gregaria 2930	Encoelia mollisioides
pesticides	Fusarium oxysporum f.sp. ciceris	France 209
legislation 3130	8273-8274	taxonomy 209
residues 6288	Fusarium oxysporum f.sp. lycoper-	Puccinia bambusicola China 7695
Picea abies, Rosellinia minor 1017	sici 8010 Glomerella cingulata 2124	taxonomy 7695
plant diseases 2558	Macrophomina phaseolina 3873	Shiraia bambusicola
legislation 58, 3129	control	Japan 4912
plant protection 3737, 4659	Fusartum udum, pigeon peas 8268	taxonomy 4912
potatoes, Phytophthora infestans 2865	Gaeumannomyces graminis, cereals	Stereostratum corticioides
soyabeans, diseases 5179	2582	China 546, 995
vegetables, diseases 570	Phytophthora capsici, Capsicum	control 546, 995
Ivena (see Oats)	640, 1101, 3047	Ustilago shiraiana, biology 993
Avocado sunblotch viroid	Rhizoctonia solani, chrysanthe-	Banana bunchy top virus, bananas 2813,
avocados 2806 RNA 5477	mums 856	4977
Avocados	Bacillus cereus	Bananas
avocado sunblotch viroid	control	banana bunchy top virus
control 2806	Phytophthora nicotianae var. nico-	detection 2813
transmission 2806	tianae, tobacco 7985	elimination 4977
Cercospora	Rhizoctonia solani, chrysanthe-	monoclonal antibodies 2813
Cameroon 920	mums 7700	Colletotrichum musae
varietal reactions 920	inactivation, blasticidin S 3792	antagonists 6671
diseases 5785	Bacillus licheniformis, control, Corticium	control 443
Australia 7819	rolfsii, barley 787	gamma radiation 6671
books 7819	Bacillus megaterium	crown rot, control 6670
Mexico 5789	antifungal agents 6290	cucumber mosaic cucumovirus, Yunnan
nomenclature 3073	laboratory tests, cytochalasins 7	2814
disorders	Bacillus polymyxa, cauliflowers 5995 Bacillus subtilis	diseases
Australia 7819	antagonism	in vitro culture 3469 in vitro selection 3469
books 7819	Claviceps fusiformis 328	India 7828
Glomerella cingulata	Fusarium oxysporum f.sp. ciceris	Erwinia persicinus, taxonomy 1685
host parasite relationships 4268	8274	Fusarium oxysporum
postharvest decay 4267	plant pathogens 5403	breeding 4269-4270
storage 4268	Rhizoctonia solani 1003	induced mutations 4269-4270
susceptibility 4267	aubergines 2880	Fusarium oxysporum f.sp. cubense
mycorrhizas	control	biological control 3464
California 2500	Corticium rolfsii, barley 787	books 3459
Israel 2500	Eutypa lata, grapes 3481	breeding 3466-3468
ozone	Fusarium oxysporum f.sp. dianthi,	control 2815, 5793, 7826
California 2812	carnations 3327	Egypt 4271
varietal reactions 2812	Fusarium solani, faba beans 8202	evolution 442
Phytophthora	greenhouse crops, discuses 3964	genetics 3466
Australia 6266 California 5792	Rhizoctonia	geography 3461
control 6266	potatoes 3235	Honduras 3467
fungicide residues 5792	rice 3235	host parasite relationships 3465
Phytophthora cinnamomi	Vigna radiata 3235	Nematoda 4271
breeding 4976	Rhizoctonia solani	Queensland 2149
California 2807, 2809	Cunninghamia lanceolata 2939	races 442
control 2810, 4266, 5787-5788,	groundnuts 5183	reviews 3460-3461
7821	root rots, crops 7413 laboratory tests	South Africa 2815
host parasite relationships 921	plant extracts 6199, 6260	Taiwan 3468 vegetative compatibility groups 442,
integrated control 2807, 2809, 5786	tsibulins 57	2149
Mexico 5786, 5788	Bacteria	Fusarium poae, Egypt 4272
rootstocks 2811, 3458, 7820	bacteriophages 2164	Gigaspora decipiens, mycorrhizas 6329
testing 2811, 3458	control	Gigaspora heterogama, mycorrhizas
varietal reactions 1422, 7820	Botrytis cinerea, grapes 4290	6329
Phytophthora citricola	Fusarium, potatoes 2209	Glomus fuegianum, mycorrhizas 6329
California 2807-2808, 5790-5791	Mycena citricolor, coffee 6553-6554	Glomus macrocarpum, mycorrhizas
control 2810	plant diseases 6178	6329
epidemiology 2808	reviews 7001	leaf streak
host parasite relationships 5791	sunflowers, diseases 6702	Tanzania 2147
integrated control 2807	diagnosis, reviews 6999	viruses 2147
Spiroplasma, detection 1894	estimation 4643	mycorrhizas
sulfur dioxide	IAA 6198	growth 6316
California 2812	identification 7000	phosphorus 6316
varietal reactions 2812	immunodiagnosis, books 2448	Mycosphaerella fijiensis
viroids, detection 1894	isolation 7000	Bhutan 1423
viruses, detection 1894	nomenclature, reviews 3717	control 6673

ananas cont.	Barley cont.	Barley cont.
Mycosphaerella fijiensis cont.	barley yellow mosaic virus cont.	Erysiphe graminis cont.
Tanzania 2147	inoculation 4040	nitrogen 4044
toxins 7822	resistance 1968	oxygen 4790
Mycosphaerella fijiensis var. difformis control 7827	spectroscopy 2538 temperature 4040	plasmalemma 6479 protoplasts 1978
Tanzania 7827	UK 4039	races 782, 7522
Mycosphaerella musae, control 6669	barley yellow streak mosaic virus,	rain 4790
Mycosphaerella musicola	transmission 7515	resistance 1321, 1968, 4841-4843
Cameroon 6672	Clavibacter tritici	respiration 1978
control 5793, 6669	Haryana 1941	reviews 4841
varietal reactions 1424 postharvest decay	Nematoda 1941 Cochliobolus sativus	salt tolerance 4839
Caribbean 7824	amino acids 1984	soil amendments 397i susceptibility 4839
control 2148	biochemistry 1981	thioneins 4043
environmental factors 2148	biological control 3991	UK 6480
fungicide tolerance 7825	culture media 7535	Ukrainian SSR 4840, 7522
Guatemala 7824	cytokinins 5603	varietal reactions 1320, 2628, 404
Italy 7824	environmental factors 5533	4842, 5596
Nigeria 2148	enzymes 1983	virulence 782
Somalia 7824 Pseudomonas velebense	genetics 2622 heavy metals 2633	water holding capacity 4843 Western Australia 3280
identification 4273	induced resistance 5603	yield losses 3280
Java 4273	kinetin 5603	Ervsiphe pisi
Pseudomonas solanacearum	Lithuanian SSR 7518	host parasite relationships 4045
Mexico 6674	resistance 1981, 1983-1984	induced susceptibility 7523
Tamil Nadu 7829	seed treatment 3991	flame chlorosis
storage decay	somaclonal variation 721	Manitoba 777
control 4978	sporulation 5533	viruses 777
India 4978 temperature 4978	testing 5591 toxins 1982	fungi detection 7434
Thanatephorus cucumeris, Tamil Nadu	USSR 7535	enzymes 7434
7823	varietal reactions 315, 1981, 1984,	seeds 7434
angladesh	4831	fungicides
Capsicum, seedborne fungi 5208	yield losses 4831	meiosis 776
crops, viruses 7325	Corticium rolfsii	mutations 1317
Cucurbitaceae, cucumber mosaic	biological control 787	Fusarium
cucumovirus 7362	plant extracts 786	control 5530, 7440
lentils, Peronospora viciae 6090 potatoes	diseases breeding 3955, 4832, 6474	fertilizers 7436 plant growth regulators 7436
Erwinia 2215	control 278, 737, 4041, 5593	seeds 7436
potato leaf roll luteovirus 2191	economies of control 737, 2621	testing 5591
Pseudomonas 2215	genetics 2619	toxins 2583, 7440
rice, Xanthomonas campestris pv.	Germany 2621, 7435	varietal reactions 7436
oryzae 4118, 6529	host parasite relationships 1967,	Fusarium culmorum
rubber, diseases 2219	4788	biological control 3991
Solanaceae, cucumber mosaic	molecular genetics 4788	Lithuanian SSR 7518
cucumovirus 7362 Sangtan, control, Cochllobolus nodulosus,	Morocco 1272 nitrogen 737	seed treatment 3991 varietal reactions 315, 4831
Eleusine coracana 4867	ozone 7435	yield losses 4831
Sankera violascens, Picea ables, mycor-	pathogenesis-related proteins 4782	Fusarium sporotrichioides
rhizas 3134	Prince Edward Island 1274	host parasite relationships 5592
lanksia attenuata, Phytophthora cin-	reviews 7517	proteins 5592
namomi, integrated control 2086	rotations 1274, 5526	seeds 5592
Banksia hookeriana, Phytophthora cin- namomi, phosphorus 7696	screening 4038 seeds 278	Gaeumannomyces graminis, yield los
Banksia occidentalis, Phytophthora cin-	sulfur dioxide 1972	Gaeumannomyces graminis var. tritic
namomi, integrated control 2086	thionins 1967	testing 3986
Barleria cristata	USSR 4832	Gibberella zeae
Pseudomonas cichorii	varietal reactions 737, 1272	ascospores 3987
Florida 6573	yield losses 1272	control 7440
Nematoda 6573	Erysiphe graminis	toxins 3987, 7440
symptoms 6573	adhesion 5531	Glomus dimorphicum, mycorrhizas,
Barley Alternaria alternata	antagonists 1977 breeding 778, 1968, 1976, 4840,	colonization 6326 Glomus versiforme
infection 1327	6473	mycorrhizas
seeds 1327	cadaverine 1971	fertilizers 676
toxins 1327	control 3757, 3971, 4042, 4833,	nitrogen fixation 676
Ascochyta hordel, diagnosis 779	6482, 7516	leaf spots, Germany 3284
barley mild mosaic virus	Denmark 5598	Monographella nivalis, seed treatmen
immunodiagnosis 4039	Egypt 2630	735
UK 4039	environmental factors 2630	ozone
barley stripe mosaic hordeivirus, RNA	enzymes 7525 Europe 7524	damage 1329 plant diseases 7435
barley yellow dwarf luteovirus	evolution 281	pesticides, induced mutations 6247
breeding 7513-7514	fertilizers 2630	phylloplane fungi, sulfur dioxide 197.
genetics 5590, 7513	formae speciales 281	Polymyxa graminis, estimation 1328
isolates 7513	fungicide tolerance 2587, 6480-6481	Pseudocercosporella herpotrichoides
Italy 1989	genetics 1320, 2624-2627, 3279,	control 1275
seed treatment 48.30	5597-5598, 6478, 7524	environmental factors 3240
sowing date 276	germination 4790 host parasite relationships 4044,	epidemiology 3983 host parasite relationships 3240
transmission 1989, 2620 UK 276, 2620	5531, 5597-5598, 6479, 7525	isolates 3983
ultrastructure 1969	host specificity 281	reviews 1275
varietal reactions 1989	induced resistance 3239	UK 1275, 3983
vectors 4764, 4830	induced susceptibility 7523	Pseudomonas syringae, gramine 4048
yield losses 5522	infection 4790	Pseudomonas syringae pv. Japonica
Yugoslavia 5522	integrated control 2628	histology 1277
barley yellow mosaic virus	Irish Republic 7516	seed pathology 1277 Puccinia graminis
breeding 1968 immunodiagnosis 4039-4040	isoenzymes 7524 models 2629, 5597	Australia 1975
minimumagnosis 40,77-4040	THE PARTY SAFE	

Bs

rley cont.	Barley cont.	BAS 480 F
Puccinia graminis cont.	Sclerotinia sclerotiorum	activity, Uromyces appendiculatus
Canada 5528	Romania 7410	6276
epidemiology 7521	seeds 7410	antifungal properties 6268
races 5528	snow moulds	control, cereals, diseases 6275
varietal reactions 1975, 7521	cultural methods 4780	mode of action 6276
virulence 5528	susceptibility 4780	Basalin, activity, mycorrhizas 155
yield losses 1975, 7521	varietal reactions 4780	Basidiomycetes
Puccinia hordei	Spiroplasma	Armenian SSR 6364
acclimatization 1974	control 7512	spores 4729
breeding 778, 1970	Zhejiang 7512	taxonomy 4729
cadaverine 1971	sulfur dioxide	Bauhinia purpurea
Czechoslovakia 7519	enzymes 4049	Alternaria cassiae, Indian Punjab 3226
genetics 780-781, 7519	photosynthesis 4050	fungi, gums 1846
genotypes 4834	yield losses 3993	Bauhinia variegata, Stigmina bauhiniae,
Germany 1970		Uttar Pradesh 1842
host parasite relationships 1318,	Tilletia indica	Bavistin (see Carbendazim)
2623	life cycle 1940	Bayfidan, control, Sphaerotheca macularis,
inoculum density 4789	sporidia 1940	strawberries 6665
	Typhula incarnata, UK 7536	Bean common mosaic potyvirus
phosphate 1974	Ustilago segetum	grain legumes 2354
plant age 1319	genetics 6477	
resistance 4834	USSR 4838	immunodiagnosis 1905
screening 7520	varietal reactions 4836	Phaseolus vulgaris 1055, 2360-2361,
sporulation 4789	Ustilago segetum var. avenae, USSR	3007, 4532, 4536
testing 4834	4838	taxonomy 1905
USSR 7520	Ustilago segetum var. nuda	Bean golden mosaic geminivirus
varietal reactions 1319, 2623	breeding 6473, 6476	coat proteins 5481
Puccinia striiformis, control 5594,	fungicide tolerance 3278	molecular genetics 5481
6475	inoculation 5532	Phaseolus vulgaris 1048, 4533, 5158
Pyrenophora graminea	RSFSR 4835	Bean leaf roll luteovirus
breeding 783	USSR 4838	lucerne 409
Canada 784		nucleotide sequences 5485
control 7529	USSR Far East 6476	Bean pod mottle comovirus
seeds 784	varietal reactions 4835	Coleoptera 3212
testing 784	viruses	electrophoresis 3212
Pyrenophora teres	control 6421	monoclonal antibodies 7370
biochemistry 1980	Germany 6421	Phaseolus vulgaris 4519
breeding 5601	vectors 6421	serology 7370
	wheat streak mosaic virus	soyabeans 1602, 4519
Canada 1324	Ontario 5524	
carbohydrates 7528	screening 5524	Bean yellow mosaic potyvirus
control 1325, 4833	susceptibility 5524	Calanthe 2098
cytokinins 7527	Xanthomonas campestris	Cicer arietinum 6083
environmental factors 5602	pathogenicity 4791	Crocus 7702
genetics 1322-1323, 2622, 2631,	testing 4791	Dracula 2098
5595	Xanthomonas campestris pv.	Eustoma grandiflorum 2703
genotype mixtures 2632	translucens	faba beans 2999
Germany 5599	control 788	Gladiolus 380-382, 2093
growth stages 5600		grain legumes 2354
in vitro selection 3281	seeds 788	Iris hollandica 3339
morphology 5599	Barley mild mosaic virus	Leguminosae 5963
pathogenesis 7527-7528	barley 4038-4039	lupins 2122, 5734
races 5599	cereals 5525	Masdevallia 2098
resistance 3281, 5601	nucleotide sequences 3912	nucleotide sequences 1902
South Carolina 4046	Barley stripe mosaic hordeivirus	Orchidaceae 2098
spore dispersal 7526	barley 314	orchids 389
testing 6483	maize 4851	ornamental bulbs 4171
toxins 1979	nucleotide sequences 7380	peas 2999
	RNA 1906	
variation 1324	serological relationships 1262	Phaseolus vulgaris 2538, 3623
varietal reactions 1323, 1325, 1980	tobacco 2235	Stelis 2098
yield losses 1325, 5600	Barley yellow dwarf luteovirus	Vigna mungo 8254
Rhizoctonia oryzae	barley 276, 1969, 1989, 2620, 4764,	Vigna radiata 8254
anastomosis groups 730	4830, 5522, 5590, 7513-7514	Vigna sublobata 8254
temperature 730		weeds 382
USA 730	cereals 728-729, 2581, 3523, 6435	Beans (Phaseolus vulgaris) (see Phaseolus
Rhizoctonia solani	coat proteins 3924	vulgaris)
anastomosis groups 730	grasses 729, 5719, 6435, 7730-7731	Bearded iris mosaic potyvirus, Iris 4171
temperature 730	immunodiagnosis 1901	Beauveria bassiana, mulberries 6667
USA 730	isolates 3213	Beech (see Fagus; Nothofagus)
Rhynchosporium secalis	Lolium perenne 7740	Beet (see Beetroots; Sugarbeet)
Australia 785	maize 3237	Beet cryptic 1 cryptovirus
breeding 1970, 7533	monoclonal antibodies 1901	spinach beets 5128
control 6485, 7516	nucleotide sequences 255, 3213, 3924	sugarbeet 5128
diagnosis 779	oats 1330, 1985, 2634, 4051-4052,	characteristics 2545
environmental factors 7534	6486-6487, 7537-7538	
	pastures 3354	Beet cryptic 2 cryptovirus beetroots 5128
Finland 4047	Pennisetum americanum 3237	
fungicide tolerance 6484, 7530	serotypes 3924	characteristics 2545
genetics 785	triticale 1273, 7444	sugarbeet 5128
Germany 1970		Beet curly top geminivirus, nucleotide
host parasite relationships 1326	wheat 276, 2589-2590, 4793, 5522	sequences 2537
Irish Republic 7516	Barley yellow mosaic virus	Beet leafhopper-transmitted virescence
nomenclature 3282	barley 1968, 2538, 4038-4040	agent, radishes 5981
pathogenicity 785	cereals 5525	Beet mild yellowing luteovirus (see Beet
pathotypes 3282	Germany 3221	western yellows luteovirus)
races 1326	nucleotide sequences 3912, 3923, 3933-	Beet mosaic potyvirus
reviews 7531	3934	sugarbeet 2970, 3588, 5127
toxins 316	quarantine 3221	transmission 6825
UK 6485, 7530	Barley yellow streak mosaic virus, barley	Beet necrotic yellow vein virus
USA 7532	7515	coat proteins 5464
varietal reactions 1326, 7532	Barley yellow striate mosaic rhabdovirus	immunoassay 2318
Victoria 7534	Setaria 7428	molecular genetics 5971, 7390
yield losses 4047, 7532	wheat 7428	monoclonal antibodies 5464
7.5.0 .00000 .0 .7, 1002	711040 1 120	monovional antibodies 3404

Beet necrotic yellow vein virus cont.	Bemisia tuberculata, transmission, cassava	Benomyl cont.
mutants 5971	X virus 8317	control cont.
soil 3170 sugarbeet 1023, 2317, 2321-2323,	Benalaxyl, control, Pseudoperonospora	Microsphaera alphitoides, Quercus
2971, 3587, 3589, 4487-4488,	cubensis, cucumbers 2995  Bengard, control, Isariopsis indica var.	8071 Monilinia oxycocci, Vaccinium
5124-5125, 5129-5130, 5968,	zizyphi, Ziziphus mauritiana 5805	2141, 4968
6826, 8121-8124, 8126, 8129	Beniowskia sphaeroidea, Pennisetum	Mycosphaerella berkeleyi, ground-
transmission 5971	americanum 3299	nuts 626
Beet pseudo-yellows virus	Benlate (see Benomyl)	Mycosphaerella caryigena, pecans
characteristics 715 lettuces 1626	Benodanil activity	3562
melons 2341	Rhizoctonia 5295	Mycosphaerella dearnessii, pines 8094
serology 715	Rhizoctonia solani 5984	Mycosphaerella gibsonii, pines 2943
Beet soil-borne virus	control	Oidium tingitaninum, mandarins
Chenopodium quinoa 2319	Corticium rolfsii	7675
sugarbeet 2319, 2971, 5125, 8127	Iris 6569	Olpidium brassicae, lettuces 5194
Beet western yellows luteovirus Cicer arietinum 2380	Lilium 6569	oranges, postharvest decay 4127
Claytonia perfoliata 2320	Benomyl activity	ornamental plants, storage decay
immunodiagnosis 3915	Acremonium lolii	5700
monoclonal antibodies 1248, 7330	Lolium perenne 872	Pelargonium, diseases 2712 Penicillium digitatum, oranges
Physalis floridana 2320	Poa pratensis 872	3312
spinach 5978	Alternaria carthami 6700	Penicillium expansum, apples 5758
sugarbeet 1022, 2320-2321, 2538,	Aspergillus nidulans 5398	Penicillium oxalicum, cucumbers
4487, 4764, 5127, 5969, 8128	Botrytis cinerea 3761	4513
Beet yellows closterovirus	Cercosporella rubi 7803	Pseudocercosporella
nucleotide sequences 3945, 5475	Drechslera poae, Poa pratensis 6604	herpotrichoides
sugarbeet 1022, 2538, 2970, 2972,	Fusarium 2315	rye 733
4487, 5126-5127	Fusarium oxysporum f.sp. sesami	wheat 733
transmission 6825	4998	Rhizoctonia solani chrysanthemums 7700
Beetroots	Fusarium poae, bananas 4272	Euphorbia pulcherrima 860,
beet cryptic 2 cryptovirus, phloem 5128	Gibberella fujikuroi 7448	4180
diseases	rice 5657	limes 2675
breeding 8130 USSR 8130	Gliocladium virens 454	Sclerotinia trifoliorum, lucerne 416
Erwinia herbicola	Macrophomina phaseolina 6700, 7870	seedborne fungi, Capsicum 2411
host range 8132	mycorrhizal fungi 4695	Septoria chrysanthemella, chrysan-
New York 8132	Phytophthora colocasiae 5290	themums 5708 soyabeans, diseases 1606
tumours 8132	pines, mycorrhizas 68	Sphacelotheca reiliana, maize 5618
Begonia	Rhizoctonia 665, 5295	Stagonospora sacchari, sugarcane
Erysiphe polyphaga	Rhizoctonia solani 5984	2224
control 3958	Sclerotinia sclerotiorum 1822	Venturia inaequalis, apples 6626
plant extracts 3958 fungi, nomenclature 5410	control Alternaria gomphrenae, Gomphrena	degradation 7072
Xanthomonas campestris pv. begoniae,	globosa 5710	determination, water 40
micropropagation 1382	Ascochyta lentis, lentils 8282	fungicide residues, pears 5763
Belgium	Aspergillus niger, groundnuts 4561	fungicide tolerance
apples, diseases 4205	bananas, postharvest decay 2148	bananas, fungi 7825 Botrytis cinerea 6568
crops, diseases 6214	Botryosphaeria dothidea, Protea	Botrytis elliptica 6568
fruit, diseases 6620	2103	Botrytis tulipae 6568
horticultural crops, soil treatment 3962 ornamental plants	Botryosphaeria obtusa, apples 1411, 5754, 5759	Cladosporium herbarum 3121
tomato spotted wilt virus 4766	Botrytis allii, onions 3035	Gibberella fujikuroi 1369, 2664,
viruses 844	Ceratocystis paradoxa	7616
pears, Erwinia amylovora 3414, 3428,	pawpaws 6681	Gliocladium virens 2362, 5382 Glomerella cingulata 6551, 7678
4243-4244	sugarcane 2221	Leptosphaeria nodorum 7495
Picea, mycorrhizas 115	Cercospora kikuchii, soyabeans	Microcyclus ulei 4337
plums, diseases 4205 tomatoes, tomato spotted wilt virus	3640  Cercosporella rubi, blackberries	Monilinia fructicola 5771
4766	7804	Pseudocercosporella herpo-
Belize, crops, diseases 6430	Colletotrichum truncatum, cowpeas	trichoides 733-734, 4822
Belladonna mottle tymovirus, nucleotide	3651	Sclerotinia fuckeliana 7069
sequences 7363	Corticium rolfsii, Lilium 6569	Sclerotinia squamosa 6921 Venturia inaequalis 5749
Bellardia trixago, plant extracts, antifun-	Fusarium culmorum, lawns and	Venturia pirina 2775, 4238, 4957
gal agents 3116	turf 6599 Fusarium oxysporum, Ixia 6585	seed treatment
Bellis perennis, plant extracts, antifungal agents 3753	Fusarium oxysporum, 1xtu 0303 Fusarium oxysporum f.sp. cepae,	Abelmoschus esculentus 1655
Beltrania rhombica	onions 6923	asparagus 638
sesame 4305	Fusarium oxysporum f.sp. radicis-	peas 600
turmeric 720	lycopersici, tomatoes 1472	Psophocarpus tetragonolobus 6911
Bemisia tabaci	Fusarium solani, Phaseolus vul-	rice 1369 Ricinus communis 7867
transmission	garis 6047	soil treatment 1655, 4184, 5624, 7806
Abelmoschus esculentus, viruses 8315	Fusarium solani f.sp. cucurbitae, squashes 6849	uptake, safflower 6700
African cassava mosaic geminivirus	Gaeumannomyces graminis var.	Benzanilides, antifungal properties 1714
3681	graminis, wheat 1302	Benzimidazole fungicides
cotton leaf curl virus 4159	Glomerella cingulata	control, Thielaviopsis basicola, orna-
lettuce infectious yellows virus 579	oranges 5675	mental plants 7694
marrows, silverleaf 2987, 3605	yams 8322	fungicide tolerance Botrytis 6566
mung bean yellow mosaic	grapes, storage decay 2158 groundnuts, diseases 4560	Botrytis cinerea 4260-4261, 5716
geminivirus 6901 squash leaf curl geminivirus 1040	Jasminum, diseases 4360	Botrytis elliptica 6587
sweet potato leaf curl bacillivirus	lawns and turf, diseases 873	Pseudocercosporella herpo-
8321	lettuce big-vein virus, lettuces 5194	trichoides 4822
tomato golden mosaic geminivirus	Litchi chinensis, storage decay 5800	Benzofuranylpyridines
5918	Macrophomina phaseolina, Phaseo-	antibacterial properties 7075
tomato leaf curl virus 1468	lus vulgaris 6050	antifungal properties 7075  Benzothiazolines, antifungal properties 39
tomato yellow leaf curl geminivirus 2241, 3541	maize, seedborne fungi 7551 mangoes, storage decay 4277	Benzyl alcohol, control, Botrytis cinerea,
tomatoes, viruses 4366	Microcyclus ulei, rubber 4337	grapes 4291

Berberis vulgaris, plant extracts, antibacterial properties 3088	Biographies, Hartig, R. 3698 Biological control	Biological contro diseases cont.
Bermuda, crops, cucumber mosaic	diseases 2445, 2482, 4785, 6172-6173, 6178, 6180-6181, 6185-6187,	Fusarium offici
Bermuda grass (see Cynodon dactylon)	6289, 6381, 6394, 7409	Fusarium
Beta procumbens, Cercospora beticola,	Agrobacterium 7006 Agrobacterium tumefaciens 2452,	lycoj Fusarium
host parasite relationships 3590  Beta vulgaris (see Beetroots; Sugarbeet)	6203	orth
Beta webbiana, Cercospora beticola, host	apples 2770	Fusarium
parasite relationships 3590  Betaine, activity, Pseudomonas syringae	cherries 7805  Alternaria alternata, Vaccinium	faba b <i>Fusarium</i>
1694	2138	5372
Betel pepper (see Piper betle) Betelnut (see Areca catechu)	Alternaria brassicicola cabbages 7081	Fusarium Gaeuman
Betula	cauliflowers 7081	2582
cherry leaf roll nepovirus serological relationships 3553	Alternaria porri, onions 3670 Alternaria tenuissima, Vaccinium	Gaeumani tritic
UK 3553	2138	wheat
decline bibliographies 8046	Apostrasseria lunata, Vaccinium 2138	Glomerell greenhous
Canada 8046	apples 2127	Hemileia
diseases, China 2259 viruses, inoculation 2915	postharvest decay 4940 biotechnology 4632	lawns and Sclero
Betula maximowicziana, Taphrina betu-	Botrytis cinerea	lucerne 57
lina, witches' brooms 533	apples 3399	Macropho
Betula occidentalis, cherry leaf roll nepovirus, air pollution 4406	grapes 4290 Ribes 6654	cowpe
Betula papyrifera	Rubus 6654	sunflov
Cerrena unicolor, pathogenicity 1497 Coriolus versicolor	strawberries 4261, 6664 tulips 6595	Vigna Magnapoi
decay 532	Botrytis fabae, faba beans 2365	maize 310
enzymes 532 immunochemistry 532	cassava 1642 Ceratocystis ulmi, Ulmus 536, 3557	Monilinia Monilioph
Phanerochaete chrysosporium	Claviceps fusiformis, Pennisetum	Mycena c
decay 532	americanum 328, 5636, 7579	Mycogone
enzymes 532 immunochemistry 532	Cochliobolus miyabeanus, rice 339 Cochliobolus sativus	3664 mycorrhiz
Phellinus pini	barley 3991	Mycospha
decay 532 enzymes 532	wheat 3991, 4819 Colletotrichum orbiculare,	nuts Mycospha
immunochemistry 532	watermelons 1589	nuts
Betula pendula air pollution, interactions 2925	Colletotrichum truncatum, cowpeas 6898	pears, pos peas, foot
cherry leaf roll nepovirus	conferences 1666	Penicilliu
air pollution 4406 Germany 3553	Coniferae 550 Corticium rolfsii	Peronospo somi
interactions 2925	barley 787	Phoma ex
serological relationships 3553	Phaseolus vulgaris 2362	toes
decay wood anatomy 2308	soil 3173 tobacco 497	Phomopsi 2348
wood chemistry 2308	wheat 311	Phytophth
Hebeloma crustuliniforme mycorrhizas	crops 690 root rots 7413	Phytophti 4224
carbon 6305	Cryphonectria parasitica, chestnuts	Phytophth
nitrogen 6305 mycorrhizas, Czechoslovakia 113	2260-2261, 5940, 8058-8059 cucumber mosaic cucumovirus,	640, 5210
ozone, growth 1499	tomatoes 1470-1471	Phytophtl
Tricholoma flavobrunneum, mycor- rhizas, morphology 3139	Dothiorella gregaria, Populus 2930 Erwinia amvlovora	ries : Phytophti
viruses, Czechoslovakia 2923	apples 2765-2766, 3401	tiana
Betula pubescens air pollution, plant water relations 8057	Crataegus monogyna 3104 pears 3416-3417, 3419	Phytophti para
fungi, Greenland 2926	Eutypa lata, grapes 3481	pines, dan
mycorrhizas, Greenland 2926	fruit	Plasmodie
ozone, growth 1499  Betula verrucosa	postharvest decay 892 storage decay 5503	Cruc Polymyxa
Lentinula edodes	Fulvia fulva, tomatoes 968, 6771	potato spi
detection 2307 enzymes 2307	Fusarium crops 1655	toes Pseudocer
Phanerochaete chrysosporium	flax 5697, 6431	trich
detection 2307 enzymes 2307	potatoes 2209 tomatoes 6431	Pseudomo Pseudomo
Bhutan, bananas, Mycosphaerella fijiensis	Fusarium culmorum	potato
1423	barley 3991 wheat 3991	tobacc Pseudomo
Bibliographies cereals, diseases 5520	Fusarium oxysporum	3667
chestnuts, Cryphonectria parasitica	ornamental plants 3959	Puccinia d
coconuts, root (wilt) 4313	Pseudotsuga menziesii 5109- 5110	1072 Puccinia i
Coniferae, Potebniamyces coniferarum	tomatoes 3959	Pyriculari
1527 forest trees, decline 8046	Fusarium oxysporum f.sp. cubense, bananas 3464	2661 Pythium (
forests, diseases, control 1483	Fusarium oxysporum f.sp.	sugarb
Hartig, R. 3698 lentils, diseases 592	cucumerinum, cucumbers 6023	Pythium of Agross
mycorrhizal fungi 1740	Fusarium oxysporum f.sp. dianthi, carnations 850, 3327, 4175,	Agrosi
peas, diseases 592	6574	auberg
Phaseolus vulgaris, diseases 592	Fusarium oxysporum f.sp. lycoper- sici, tomatoes 8010	tobacc Pythium
plant protection 1123-1124	Fusarium oxysporum f.sp. narcissi,	Pythium

cont. oxysporum f.sp. nalis, asparagus 8304 oxysporum f.sp. radicisersici, tomatoes 3542 oxysporum var. oceras, wheat 7451 solani 6428 eans 8202 sporotrichioides, tye udum, pigeon peas 8268 nomyces graminis, cereals nomyces graminis var. i 3272 3271 a gossypii, cotton 5685 e crops 260, 3964, 6424 vastatrix, coffee 2047 turf 6175 tinia homoeocarpa 4917 mina phaseolina as 630 1655, 1830 wers 3957 radiata 3957, 4578 the salvinii, rice 1830 laxa, peaches 1418 thora roreri, cocoa 272 itricolor, coffee 6553-6554 perniciosa, mushrooms as 3796 erella arachidis, ground-1072 erella berkelevi, ground-1072 tharvest decay 4940 rot 8182 m claviforme, apples 2126 ora arborescens, Papaver iferum 2167 igua var. foveata, pota-2213 s sclerotioides, cucumbers ora, Rhododendron 2718 nora cactorum, apples 900, nora capsici, Capsicum 1101, 2406, 3046-3047, 1, 6122 nora cinnamomi, raspber-5510 iora nicotianae var. nicoe, tobacco 7985 ora nicotianae var. sitica, Capsicum 6122 nping off 2293 phora brassicae, iferae 8146 ndle tuber viroid, toma-4369 betae, sugarbeet 5134 cosporella herpo-oides, wheat 767 onas fluorescens 7420 nas solanacearum es 2881, 7939-7940 o 1464 nas tolaasii, mushrooms , 5196, 6915, 8295 arachidis, groundnuts recondita, wheat 3262 a oryzae, rice 332, 1368, 5168 eet 2975-2976 aphanidermatum is stolonifera var. palusris 397 ines 644 o 497, 7986 sylvaticum, peas 3621 altimum 621

Biological control cont.	Biological control cont.	Black currants
diseases cont.	weeds cont.	Botrytis cinerea
Pythium ultimum cont.	Cyperus rotundus, Cercospora 3064	ethylene 6656
tulips 3352	Datura stramonium, Alternaria	flowers 6656
reviews 1119, 1664, 1708, 3699-	3685	Cronartium ribicola
3701, 4632-4633, 5236-5237,	economics 5226	control 4258
6982, 7216 Rhizoctonia	Eleusine indica 3059	Poland 4258
potatoes 3235	Euphorbia geniculata, Cochliobolus	diseases
rice 3235	carbonum 2429, 6143 Euphorbia heterophylla,	control 437
Vigna radiata 3235	Helminthosporium 4621	Poland 437 Drepanopeziza ribis
Rhizoctonia solani 6986, 7304	forests 3065	control 3687-3688, 4258
Abelmoschus esculentus 1106	Holcus 3059	Poland 4258
Agrostis stolonifera var. palus-	Hydrilla verticillata,	Sphaerotheca mors-uvae
tris 397	Macrophomina phaseolina	China 4970
cauliflowers 1033-1034	1651	control 4258-4259
chrysanthemums 856, 7700	Malva pusilla, Colletotrichum	fungicide tolerance 5779
cotton 5685 crops 1655	gloeosporioides f.sp. malvae	genetics 5777
Cunninghamia lanceolata 1003,	4619-4620, 5227 New Zealand 3062	Norway 4259
2304, 2939	Phragmites australis 3059	Poland 4258, 5779
groundnuts 5183	Prunus serotina, Chondrostereum	Black mustard (see Brassica nigra) Black raspberry necrosis virus, raspberries
lettuces 4585	purpureum 5216, 8336	7807
potatoes 2202, 2870, 5878-5879	Pteridium aquilinum	Blackberries
rice 3308	Ascochyta pteridis 3060	Cercosporella rubi
soil 3173	Phoma aquilina 3060	control 7803-7804
Sclerotinia minor, lettuces 3662	reviews 649, 1572, 3061, 3063,	host parasite relationships 7818
Sclerotinia sclerotiorum	3700, 4618, 4632, 5220-5225,	diseases
celery 4485	5229, 5237, 8335	Maryland 6668
lettuces 4485	Rosa multiflora, rose rosette virus	Ohio 6668
peas 5153	2426 Potthodlia cochinchinensia Cibban	Blackeye cowpea mosaic potyvirus
Sclerotium cepivorum, onions 4592 seed treatment 5507	Rottboellia cochinchinensis, Gibber- ella fujikuroi 6138	Alysicarpus vaginalis 3369-3370
sesame 454	Sesbania exaltata, Colletotrichum	immunodiagnosis 1905
soil 6356-6357, 6359, 7217, 7223,	truncatum 1652, 3068, 6139,	taxonomy 1905  Blasticidin S, inactivation 3792
7230	6944, 8328	Blastocladia
soil fungi 3868, 6354, 6987, 7216	Stipa 3059	India 5419
Aphelenchus avenae 6355	Taraxacum officinale	taxonomy 5419
soyabeans 4550	Sclerotinia minor 5217	Bleaching powder
Sphaerotheca fuliginea, cucumbers	Sclerotinia sclerotiorum 5217	control
1045	Xanthium	Cephalosporium maydis, maize
Strasseria oxycocci, Vaccinium	Colletotrichum orbiculare 653	2005
2138	Phomopsis 653	Xanthomonas campestris pv.
sugarbeet, damping off 2325 sunflowers 6702	Xanthium spinosum, Colleto- trichum orbiculare 652, 1645,	malvacearum, cotton 352
theory 4634	2427	seed treatment, cotton 352 soil treatment 2646, 4860
Thielaviopsis basicola, tobacco	Biological control agents	Blitox, control, Tilletia indica, wheat 1958
5910	characteristics, reviews 6983	Blueberries (see Vaccinium)
vegetables, storage decay 5503	development 5214-5215, 5224-5225,	Blueberry leaf mottle nepovirus, Vaccinium
Verticillium albo-atrum, aubergines	5227, 6175	5775
3679	reviews 6984, 7223	Blueberry scorch virus
Verticillium dahliae	formulations 1045, 5237	Vaccinium 3457
aubergines 2420-2422	France 6166	Vaccinium corymbosum 2134
potatoes 2207, 6729	legislation, Canada 6174 production 5386	Blueberry shock virus, Vaccinium 3457
wheat 2127	protoplast fusion 6381, 6387	Blueberry shoestring virus, Vaccinium 5775
Xanthomonas campestris pv. dief- fenbachiae, Anthurium 2078	reviews 6981	Blumeriella jaapii, cherries 435, 2801, 4964-4965, 7801-7802
Xanthomonas campestris pv.	Biphenyl	Boehmeria nivea
oryzae, rice 824	control	diseases, India 4168
Xanthomonas campestris pv.	Penicillium digitatum, oranges	Rhizoctonia solani
vignaeradiatae, Vigna radiata	3312	environmental factors 2062
8287	Penicillium italicum, oranges 3312	India 2062
protoplast fusion, reviews 7303	Bipolaris, Sorghum halepense 2724	Boerhavia diffusa, plant extracts, antiviral
research 6170	Bipolaris carbonum, tea 963	agents 6081
techniques, reviews 6390	Bipolaris euphorbiae, taxonomy 1862	Boletinellus merulioides
weeds 1648, 5214-5215, 6134, 6381,	Bipolaris heveae, rubber 7946 Bipolaris micropus, IMI descriptions 7254	copper 2493
6941-6943 Amaranthus retroflexus 6133	Bipolaris sacchari, sugarcane 5893, 5897	pigmentation 2493
Asphodelus fistulosus, Puccinia	Bipolaris urochloae, Pennisetum ameri-	Boletinus cavipes antifungal agents 43
barbeyi 5228	canum 812	larch, mycorrhizas 110
Avena 3059	Bitertanol	pines, mycorrhizas 110
biotechnology 4632	activity	Boletus
books 4642	apples 4221	forest trees, mycorrhizas 61
Cassia obtusifolia	Aspergillus nidulans 1721	pines, mycorrhizas 2293
Alternaria 3685	control	Boletus edulis
Alternaria cassiae 650, 4622,	Apiognomonia erythrostoma, apri-	chestnuts, mycorrhizas 6309
6136	cots 2795	pines, mycorrhizas 86
Centaurea solstitialis, Puccinia	Botryosphaeria obtusa, apples 1411 Cercosporella rubi, blackberries	Quercus cerris, mycorrhizas 6309
jaceae 5218	7804	Quercus rubra, mycorrhizas 6309 Bolivia, Solanum, viruses 7917
Chrondrilla juncea, Puccinia chon- drillina 6135	cotton, boll rot 6557	Books
Cirsium arvense 3058	Exobasidium vexans, tea 3529	avocados
Puccinia punctiformis 1113,	Glomerella cingulata, yams 8322	diseases 7819
2428, 4616	Puccinia asparagi, asparagus 6933	disorders 7819
Puccinia suaveolens 648	Tilletia controversa, wheat 5571	bacteria, immunodiagnosis 2448
Convolvulus arvensis	Venturia inaequalis, apples 897,	bacteriology, techniques 6197
Phoma 4617	2759, 5751, 6626, 6629	bananas, Fusarium oxysporum f.sp.
Phomopsis convolvulus 1112	fungicide tolerance	cubense 3459
Septoria 4617	Venturia inaequalis 6625 Venturia pirina 7785	Cercospora, Taiwan 5412 Cicer arietinum, diseases 8252
Cryptostegia grandiflora, Maravalia crytostegiae 6140	seed treatment, wheat 5571	coffee, Hemileia vastatrix 1377

Botrytis ricini, Ricinus communis 2170

ooks cont.	Bordeaux mixture cont.	Botrytis allii
crops, diseases, control 1266	control cont.	Geotrichum candidum, antagonism
culture collection catalogues, Centraal	Pseudomonas amygdali, almonds	7151
Bureau voor Schimmelcultures,	1419	onions 3035, 3668-3669, 3671-3672,
Baarn 2446	Xanthomonas campestris pv. pruni,	4593
Eutypa lata 1125	Prunus laurocerasus 7721	Botrytis cinerea
fibre plants, diseases, Tropics 3715	phytotoxicity, apples 897	activity, Uromyces viciae-fabae, faba
forests, air pollution 4402	soil treatment 4314	beans 8200
fruit, diseases, control 6189	Boric acid, control, Fusarium, potatoes	apples 3399, 4940, 4949, 5756
fungi	952	Arabidopsis thaliana 1650
biotechnology 6964	Boron	asparagus 5202
dictionaries 2449	activity, Sphaerotheca fuliginea,	black currants 6656
Tropics 6194	Lagenaria siceraria 2347	buckwheat 4080
fungicides	deficiency	Calluna 2063
nontarget effects 30	coconuts 2851	Capsicum 3045 carnations 5702
UK 1700	mangoes 1425	carrots 8157
Fusarium, toxins 3714	toxicity, radishes 8156	
lawns and turf, diseases 870, 5718	Boswellia serrata	Cicer arietinum 3656, 6085-6086, 6910, 8261, 8267
mycology 6994	Cercospora boswelliae	cucumbers 2994, 3953, 6025, 7399
mycorrhizas, identification 7104 oilseed plants, diseases, Tropics 3715	Madhya Pradesh 8079	Cyclamen 2700
pastures, diseases 1390	taxonomy 8079	enzymes 5377
pesticides 1702, 4655, 4657, 7034	Botryodiplodia	Erica 2063
analytical methods 6249	fruit trees 423	Euphorbia 2702
application 4654	Jasminum 4184	faba beans 6056
environmental impact 3734	Pelargonium 2713	fungicide tolerance 7077
legislation 1131	Botryodiplodia galleae, Quercus 2265	Gerbera 3336
safety 4658, 4664	Botryodiplodia populea, Populus 991,	Gliocladium virens, antagonism 7194
structure activity relationships 4631	5076	grapes 451, 926-927, 2825-2826, 2829
toxicology 7033	Botryodiplodia theobromae	2831, 2833-2834, 2839-2843,
UK 4656	bananas 2148	3476, 3479-3480, 4289-4291,
USA 2464	cassava 1642	4983, 5811, 5816, 6269, 6691,
plant diseases	citrus 5120, 6537	6693-6694, 7849-7850
bacteria 661	Coccinia grandis 6024	inhibitors 5377
control 6993	Colocasia esculenta 8120	isoenzymes 1205-1206
epidemiology 1667, 5248	Cornus 7705	Juniperus 2063
Western Samoa 6995	cotton 839	Khuskia oryzae, antagonism 7181
plant pathogens 1122	Cupressus sempervirens 5120	laboratory tests
electron microscopy 6195	enzymes 5375	benzanilides 1714
plant pathology 6193, 6992	Gnetum scandens 7243	fenpropimorph 1722
epidemiology 3716	Gomphrena globosa 7243	fungicides 3761-3762
quarantine 6190, 6996-6997	hosts 1655	hydroxystilbenes 689
techniques 6190	maize 797	$\beta$ -lactams 3120
plant protection 6188	mangoes 4276-4277, 5797	lectins 5239
Africa 3	oranges 4127	metabolic inhibitors 1731
chemistry 27	peaches 7793	pesticides 424
plants, plant pathogens, interactions	pears 4240-4241, 5766	plant extracts 6260, 8186
660	Phoenix dactylifera 7909	quinolines 7059
potatoes	pines 2253, 4456	SSF-109 4676, 6270
diseases 6714	pomegranates 5802	stilbenes 2511
control 467, 1442	potatoes 8120	tsibulins 57
quarantine 5312, 7087	rubber 2253, 5892	Lilium 6568
soil, fungicides 1132-1133	sweet potatoes 8120	mangoes 4277
sweet potatoes, diseases 1109	wood 5122	metabolism, flavonoids 7206
tobacco	yams 8323-8324	onions 1636, 3671-3672, 6917
diseases 5904	Botryosphaeria dothidea	ornamental plants 6566
Peronospora tabacina 6196	apples 4225-4226	pears 1415, 4940
tomatoes, diseases 965, 6191-6192	blackberries 6668	peas 1052
trees, diseases 5936	grapes 3475	Pelargonium 7719
vegetables, diseases, control 6189	Paulownia 2279	Phaseolus vulgaris 1206, 1599, 3971,
viruses 1232, 2536		6865
genetics 7308	pistachios 6798  Protea cynaroides 2103	pigeon peas 1622
immunodiagnosis 2448		pines 5100
Tropics 1233	Protea grandiceps 2103	pistachios 4430
weeds, biological control 4642	Botryosphaeria obtusa	protoplasts 2529
wheat	apples 1411, 3394, 3397-3398, 4226, 5745, 5753-5754, 5759	Pyrus pyrifolia 7787
diseases 7442		quinces 4959
Puccinia, breeding 749	blackberries 6668	rape 6830
orago officinalis	toxins 5367	raspberries 2143, 6657
Alternaria alternata	Botryosphaeria ribis	Ribes 6654
Argentina 7895	apples 5745	roses 3347, 5702, 5716, 6591, 7724
host range 7895	mangoes 4275	Rubus 6654
orax, control, pines, witches' brooms	taxonomy 3189	spore germination 190
2288	USA 3189	sterols 6337
ordeaux mixture	Botryosphaeria stevensii, Quercus cerris	strawberries 440-441, 724, 3971, 426
control	3560	4261, 4973, 5780, 6664, 7814
Alternaria brassicae, radishes 1029	Botryosphaeria vaccinii, Vaccinium 6655	sunflowers 6701
Colletotrichum capsici, Piper betle	Botryotrichum piluliferum	swedes 6832
2168	Eucalyptus hybrida 720	tobacco 1458
Elsinoë ampelina 5819	hyperparasitism, Rhizoctonia solani	tomatoes 1206, 3953, 7399
Elsinoë fawcettii, mandarins 5676	692	Trichoderma pseudokoningii, antago-
Erwinia amylovora, pears 4246	Botrytis	nism 7194
Fusarium solani, ginger 7886	barley 1972	Trichoderma viride, antagonism 7194
Hemileia vastatrix, coffee 2682	cabbages 2978	tulips 5699, 6595-6596
Phacospora zizyphus-vulgaris,	Capsicum 5209	vegetables 572, 6269, 6819
Ziziphus sativa 448	coconuts 465	Botrytis elliptica
Phyllosticta arecae, Areca catechu	faba beans 3633	Lilium 3341, 6568, 6586-6587
466	laboratory tests, CGA 173506 6267	ornamental plants 6566
Phytophthora, rubber 3523	onions 3033, 3671	Botrytis fabae, faba beans 1060, 2365,
Phytophthora palmivora, Piper	Phaseolus vulgaris 5156	4542-4543, 6872-6873, 8198
betle 2168	sunflowers 457	Botrytis ricini, Ricinus communis 2170

Botrytis tulipae	Brassica oleracea cont.	Broad bean wilt fabavirus cont.
Lilium 6568	Plasmodiophora brassicae	peas 4524
ornamental plants 6566	temperature 3599	Broad beans (see Faba beans)
Botswana sorghum	varietal reactions 3599	Broccoli diseases
Claviceps sorghi 3296	Brassica oleracea var. botrytis (see Cauliflowers)	Illinois 2330
Tolyposporium ehrenbergii 1358	Brassica oleracea var. capitata (see	integrated control 2330
Bougainvillea spectabilis, plant extracts,	Cabbages)	Peronospora parasitica, screening 598
antifungal agents 4580	Brassica oleracea var. gemmifera (see	Pseudomonas, varietal reactions 6833
Brachiaria decumbens mycorrhizas	Brussels sprouts)  Brassica oleracea var. italica (see	Pseudomonas fluorescens pathogenicity 6008
growth 677	Broccoli)	surfactants 6008
lime 677	Brassica pekinensis (see Chinese	Pseudomonas marginalis, varietal rea
Brachiaria reptans, Colletotrichum	cabbages)	tions 6833
curcumae, India 5844	Brazil	Brome mosaic bromovirus
Brachysporium noblesiae, Canada 3185 Brassica	Bahia, cocoa, Crinipellis perniciosa 3972	cereals 7429 forest trees 2915
Albugo candida	Parana	molecular genetics 7337, 7340, 7357
environmental factors 4505	citrus, Xanthomonas campestris pv.	RNA 5476
Haryana 4505	citri 7671	Triticum monococcum 5534
morphology 5989	plant diseases, environmental fac-	Bromoethane, activity, Gibberella puli-
races 5989	tors 7398 Rondônia, cocoa, Crinipellis perniciosa	caris, potatoes 2873 Bromus catharticus
susceptibility 1030 varietal reactions 4505	3973	barley yellow dwarf luteovirus
Alternaria brassicae	Santa Catarina, grapes, diseases 7842	France 3354
biochemistry 1578	São Paulo	vectors 3354
resistance 2333	Cassia renigera, Ceratocystis fim-	Erysiphe graminis, Pennsylvania 879
testing 1574	briata 7703	Ustilago bullata
varietal reactions 1574, 1578	cocoa, Colletotrichum 7425 oats, Pseudomonas syringae pv.	New Zealand 4193 seeds 4193
diseases	coronafaciens 6489	yield losses 4193
control 3687 India 3961	potatoes, Alternaria solani 6731	Bromus inermis
Leptosphaeria maculans	rice, Pyricularia oryzae 6525	Glomus intraradices
pathogenicity 1032	tomatoes, Pseudomonas corrugata	mycorrhizas
pathotypes 5993	6779	assessment 1788
phytoalexins 8142	apples, storage decay 4956 chrysanthemums, viroids 1384	staining 1788 Brussels sprouts
varietal reactions 5965, 5993	coconuts, diseases 7898	diseases
Mycosphaerella brassicicola, control 3688	coffee	integrated control 4484
Peronospora parasitica, susceptibility	Aspergillus fumigatus 6555	varietal reactions 4484
1030	Hemileia vastatrix 2046, 2049	Buckwheat
Plasmodiophora brassicae	seedborne fungi 4146 seedborne organisms 4144	diseases, Yugoslavia 4080
breeding 8136	grapes, Plasmopara viticola 7848	Peronospora ducometi infection 5641
inoculum 3598	Pachira aquatica, Cercospora pachirae	morphology 5641
races 8136 screening 3598	5425	seeds 5641
USSR 8136	pesticides, usage 1142	Sphacelotheca fagopyri, China 7260
Pseudomonas, host parasite relation-	Phaseolus vulgaris bean golden mosaic geminivirus	Buckwheat fireblight rhabdovirus, buck-
ships 5265	5158	wheat 4080 Buddleja davidii
soil bacteria, host parasite relationships	Xanthomonas campestris pv. phase-	alfalfa mosaic virus, Italy 2697
5265	oli 6867	cucumber mosaic cucumovirus, Italy
turnip mosaic potyvirus infectivity 1026	Physalis, potato leaf roll luteovirus	2697
sinigrin 1026	1264	Bulgaria
turnip yellow mosaic tymovirus	pineapples Gibberella fujikuroi var. subglu-	Capsicum, cucumber mosaic cucumovirus 3042
characteristics 5137	tinans 6682	forest trees, air pollution 2252
Yugoslavia 5137	Scutellospora scutata 1773	grapes, Plasmopara viticola 6692
Xanthomonas campestris, control 1582	plant diseases, legislation 58	plums, plum pox potyvirus 2784-2786
Brassica alba (see Sinapis alba) Brassica campestris	rubber, Microcyclus ulei 6735	potatoes, viruses 6717
Alternaria brassicae	soil, mycorrhizal fungi 1779	tobacco, Erysiphe cichoracearum 7981
environmental factors 4501	sugarcane, Ustilago scitaminea 486 Terminalia ivorensis, Auerswaldiella	tomatoes, Alternaria solani 5057 wheat
spore germination 4501	parvispora 698	diseases 5577
Aspergillus flavus	wheat, diseases 5547	Erysiphe graminis 5576
aflatoxins 6003	Bremia lactucae	Bupirimate, control, Sphaerotheca macu-
Bihar 6003 seeds 6003	Lactuca 1627, 8291 Lactuca serriola 1095, 8289	laris, strawberries 6665
diseases	lettuces 1088, 1627, 3028, 3661, 3688,	Burkina Faso Acacia albida, mycorrhizal fungi 3803
India 4494	4586-4587, 5965, 6102, 6914,	sorghum, Cercospora sorghi 2009
reviews 4493-4494	8288	Bursaphelenchus xylophilus, transmission,
Leptosphaeria maculans, toxins 3597	molecular genetics 2391-2392, 5360	Phomopsis, pines 8105
Brassica campestris var. rapa (see	Brevicoryne brassicae	Butea monosperma, fungi, gums 1846
Turnips)  Brassica juncea (see Indian mustard)	transmission cauliflower mosaic caulimovirus	Butlerelfia eustacei, pears 6640
Brassica napus	5467	Butylamine, control, chicory, postharvest decay 4594
Leptosphaeria maculans	turnip mosaic potyvirus 8134	Butyric acid, activity, mycorrhizal fungi
host parasite relationships 574	Broad bean mottle bromovirus, faba beans	668
toxins 574, 3597	3010	Cabbages
zinc 574	Broad bean stain comovirus faba beans 2999	Alternaria brassicicola
Brassica napus var. napobrassica (see Swedes)	grain legumes 2354	control 7081 models 4499
Brassica napus var. oleifera (see Rape)	peas 2999	varietal reactions 4499
Brassica nigra	Broad bean true mosaic comovirus, faba	cauliflower mosaic caulimovirus, Tur-
mycorrhizas	beans 2999	key 8135
arthropods 7122	Broad bean wilt fabavirus	diseases Illinois 2330
plant competition 7122  Brassica oleracea	Capsicum 6939 crops 7325	integrated control 2329-2330
Encoelia mollisioides	faba beans 3630	Erwinia carotovora
Germany 209	Gentiana 4916	breeding 6004
taxonomy 209	lettuces 5195	Moldavian SSR 6004

Cabbages cont.	Calcium chloride	Cameroon cont.
Erwinia carotovora subsp. carotovora,	control	groundnuts
Puerto Rico 1930 fungicide residues 576	persimmons, storage decay 447  Phialophora malorum, pears 2776,	Mycosphaerella arachidis 4558 Mycosphaerella berkeleyi 4558
Fusarium	4239	vegetables, diseases 4486
screening 8138	Calcium cyanamide	Camillea, taxonomy 7269
USSR 8138	control, Sclerotinia sclerotiorum, soil	Campanula, diseases, Italy 5701
Helicobasidium brebissonii, integrated	3874	Canada
control 4484	soil treatment 7700	Alberta
Leptosphaeria maculans	Calcium polysulfide, control, Taphrina deformans, peaches 5770	Chenopodium quinoa, Peronospora
control 2433, 2981	Calcium silicate	farinosa f.sp. chenopodii 5639 Ericaceae, mycorrhizas 6335
seeds 2981	activity	lettuces, Puccinia dioicae 6101
symptoms 2981 Taiwan 2433	Cochliobolus miyabeanus, rice 6518	lucerne, Verticillium albo-atrum
mycoplasma-like organisms, DNA	Pyricularia oryzae, rice 6518	5731
probes 2556	Calliandra calothyrsus, mycorrhizas,	Orchidaceae, mycorrhizas 178
Peronospora parasitica	growth 5328	peas, Erwinia rhapontici 6045
environmental factors 1027	Callistephus chinensis Coleosporium asterum	Picea glauca, Armillaria 1528 pines
India 1027	California 4173	air pollution 1557
USSR 8137	control 4173	Armillaria 1528
varietal reactions 1027, 8137	Calluna	Armillaria ostoyae 5094
Plasmodiophora brassicae	Botrytis cinerea, control 2063	diseases 1539
breeding 8136	Fusarium, control 2063	mycorrhizas 3797
races 8136 USSR 8136	Pythium ultimum, control 2063	sunflowers, Sclerotinia sclerotiorus
Pseudomonas cichorii, phytoalexins	Calluna vulgaris	458
577	Hymenoscyphus ericae mycorrhizas	trees, mycorrhizas 5329
Pyrenopeziza brassicae, integrated con-	cytology 5356	wheat, Pseudocercosporella herpo- trichoides 5582
trol 4484	enzymes 1798	British Columbia
Sclerotinia sclerotiorum, New York	iron 1799	Alnus rubra, endophytes 8080
8330	Italy 5356	apple stem pitting virus, pome frui
seedborne fungi, biochemistry 8149	pH 1798	3375
turnip mosaic potyvirus, resistance	serology 5356	apples
2978	mycorrhizas	Agrobacterium tumefaciens
Xanthomonas campestris	calcium 1194	2770
breeding 6004-6005 Moldavian SSR 6004	iron 1194 Rhizoctonia	Phytophthora cactorum 4224 replant disease 6638
Ukrainian SSR 6005	environmental factors 6578	Venturia inaequalis 5749
Xanthomonas campestris pv.	integrated control 6578	Carica pentagona, Oidium caricae
campestris	Calonectria crotalariae, soyabs 2370,	papayae 5803
control 8154	8211	Coniferae, Agrobacterium 5946
varietal reactions 8154	Calonectria ilicicola	forest trees, Phellinus weirii 548
acao swollen shoot virus, molecular genet-	Eucalyptus 8068	pear stony pit virus, pome fruits
ics 5494	laboratory tests, fungicides 8068	3375
acao yellow mosaic tymovirus, nucleotide	Calonectria quinqueseptata Eucalyptus 8068	pears, Mucor piriformis 5764 pines
sequences 1271 factaceae, fungi, India 5703	laboratory tests, fungicides 8068	Atropellis piniphila 2287
adaverine	Calystegia hederacea	Cronartium coleosporioides
activity	Spiroplasma chinense	2287
Erysiphe graminis, barley 1971	China 1923	Cronartium ribicola 5955
Puccinia hordei, barley 1971	taxonomy 1923	Endocronartium harknessii 35
admium	Camelina sativa, Alternaria brassicae, phytoalexins 8148	Parvacoccum pini 3581 Pseudotsuga menziesii
activity	Camellia	Phaeocryptopus gaeumannii
Armillaria lutea, forests 528	camellia leaf yellow mottle virus,	1530
Phytophthora infestans, potatoes 2198	Yugoslavia 378	Phellinus weirii 3583
aenorhabditis elegans, interactions,	decline, zinc 7707	Rubus parviflorus, diseases 6137
Pseudomonas tolaasii, mushrooms	Exobasidium camelliae, varietal reac-	soil, Agrobacterium 5946
5196	tions 1386	Vaccinium, blueberry scorch virus
aesalpinia bonduc	Glomerella cingulata f.sp. camelliae	3457
Fusarium solani, India 3965	control 7704	wheat, mycorrhizas 3829 Canadian Northwest Territories, plant
Glomerella cingulata, India 3965	environmental factors 7704 USA 7704	mycorrhizas 1156"
Caesalpinia pulcherrima, fungi, gums	varietal reactions 7704	Manitoba
1846	Phytophthora cinnamomi	barley, flame chlorosis 777
campestris, Cuba 1524	resistance 2701	sunflowers, Sclerotinia sclerotiorus
Caffeine, activity, Cochliobolus	rootstocks 2701	458
miyabeanus 3307	Camellia japonica	New Brunswick
Cajanus cajan (see Pigeon peas)	Exobasidium	duneland plants, mycorrhizal fung 6334
alammophila baltica	Japan 4915 taxonomy 4915	lucerne, Verticillium albo-atrum
diseases	Camellia leaf yellow mottle virus, Camellia	5730
Netherlands 654	378	potatoes, potato spindle tuber viroi
soil flora 654	Camellia oleifera, Cylindrocladium	1444
alanthe	crotalariae, pathogenicity 2090	tomatoes, Fusarium oxysporum
bean yellow mosaic potyvirus	Camellia sasanqua	f.sp. radicis-lycopersici 1477
control 2098 genetics 2098	Cylindrocladium crotalariae, pathoge-	trees, Chondrostereum purpureum
transmission 2098	nicity 2090	8052 Vassimium viennen 5775
Calanthe discolor, clover yellow vein	Exobasidium Japan 4915	Vaccinium, viruses 5775 Newfoundland
potyvirus, characteristics 375	taxonomy 4915	Picea glauca, Chrysomyxa pirolat
alanthe sieboldi, clover yellow vein	Phytophthora cinnamomi	5112
potyvirus, characteristics 375	resistance 2701	Picea mariana, Chrysomyxa piro-
alathea argentea, Cochliobolus setariae,	rootstocks 2701	lata 5112
temperature 847	Camellia sinensis (see Tea)	Nova Scotia, duneland plants, mycor-
activity Gibbarella zege 4739	Cameroon	rhizal fungi 6334
activity, Glbberella zeae 4739 control, apples, postharvest decay 5756	avocados, Cercospora 920	Ontario
deficiency, chicory 4598	bananas, <i>Mycosphaerella musicola</i> 6672	apples, Erwinia amylovora 4211 asparagus
seed treatment, Leguminosae 6853	cocoa, Phytophthora megakarya 267	asparagus 2 ilarvirus 4595

Can

	0. 1 .	
nada cont.	Canada cont.	Capsicum cont.
Ontario cont.	Picea mariana, mycorrhizas 671	Glomus deserticola
asparagus cont.	pines	mycorrhizas
tobacco streak ilarvirus 4595	Arthrographis pinicola 4449	growth 4705
Aster novae-angliae, aster chlorotic	decline 4439	phosphorus 4705
stunt carlavirus 4615	mycorrhizas 4703	Leveillula taurica, genetics 3044
cereals, wheat streak mosaic virus	potatoes	mycorrhizas
5524	Clavibacter michiganensis subsp.	growth 5350
forest trees	sepedonicus 5860	
diseases 512-523	diseases 5859	inoculation 5327
root and butt rots 549		phosphorus 174
	potato spindle tuber viroid 5860	Phytophthora capsici
parsley, Septoria petroselini 1638	raspberries, diseases 6657	aging 5211
pears, Erwinia amylovora 4211	sugarbeet, Fusarium 5133	antibiotics 6122
peas	tobacco, Peronospora tabacina 6757	biological control 640, 1101, 2406,
Fusarium oxysporum f.sp. pisi	water, pesticides 7038	5210, 6122
6041	wheat	breeding 2412
Fusarium solani 6041	Fusarium 1965	continuous cropping 3046-3047
root rots 4527	Puccinia graminis 5528	control 2410, 3046-3047, 6926
Phaseolus vulgaris, Glomerella	Puccinia recondita 3260-3261, 5561	environmental factors 641
cingulata 4539	Canary Islands, Capsicum, tomato spotted	epidemiology 3676
Picea mariana, Diplodia pinea 8111	wilt virus 6118	host parasite relationships 5207
pines	Conavalia ensiformis, Fusarium solani,	
Endocronartium harknessii 4447	India 6909	inoculum 3675
		interactions 2404
Mycosphaerella pini 5956	Candida guilliermondii	isolates 3585
rape, Sclerotinia sclerotiorum 5987	control, plant pathogens 2565	Korea Republic 640, 3046-3047
spinach, Colletotrichum dematium	taxonomy 2565	Mexico 6926
f.sp. spinaciae 1573	Canna indica, canna yellow mottle bacil-	mitochondrial DNA 6121
swedes	livirus, Minnesota 376	North Carolina 3585
Erysiphe cruciferarum 5985	Canna yellow mottle bacillivirus, Canna	nutrient content 5211
turnip mosaic potyvirus 6829	indica 376	oospores 5210
sweet potatoes, sweet potato feath-	Cannabis sativa	pathogenicity 5516
ery mottle potyvirus 4612	diseases, nomenclature 3073	rain 3676
weeds, turnip mosaic potyvirus 6131	plant extracts, antifungal agents 3000	resistance 5211
wheat	Capnodium oleaeophilum, olives 6686	
Monographella nivalis 773		restriction fragment length polymor-
	Capsicum	phism 6121
Pyrenophora tritici-repentis	Alternaria alternata, toxins 6775	soil water 3677
1313	Alternaria solani, control 3953	spores 641
Typhula incarnata 773	Botrytis cinerea	survival 641
Typhula ishikariensis var.	Korea Republic 3045	susceptibility 2404
ishikariensis 773	spore germination 3045	Taiwan 5516
Prince Edward Island	broad bean wilt fabavirus, Italy 6939	varietal reactions 6926
barley, diseases 1274	Colletotrichum coccodes	Phytophthora nicotianae var. parasitica
lucerne, Verticillium albo-atrum	pathogenicity 4603	antibiotics 6122
5730	seeds 4603	biological control 6122
potatoes, potato spindle tuber viroid	Colletotrichum dematium	plant extracts, antiviral agents 6508,
1444	control 6119	8308
wheat, diseases 1274		
	Karnataka 4604	potato leaf roll luteovirus, Australia
Quebec	seeds 4604, 6119	1099
Acer, decline 1501	transmission 4604	potato X potexvirus
Acer saccharum	varietal reactions 6120	interactions 2404
Armillaria 5067	Corticium rolfsii, Maharashtra 2413	susceptibility 2404
decline 4409	cucumber mosaic cucumovirus	varietal reactions 8305
carrots, Cercospora carotae 1584	Bermuda 3233	potato Y potyvirus
duneland plants, mycorrhizal fungi	biochemistry 6937	breeding 4599
6334	breeding 3038-3039, 3042	infectivity 7374
lucerne, Aphanomyces euteiches	Bulgaria 3042	interactions 2404
4199	control 1096	Italy 5511, 6939, 7374
lupins, Phoma 7760	India 8309	nucleotide sequences 242
Saskatchewan	interactions 2404	spread 5511
Descurainia sophia, Nematospora sinecauda 5991	Italy 6939	susceptibility 2404
	Jiangsu 4601	transmission 7374
lentils, Ascochyta fabae f.sp. lentis	New York 3233	Pseudomonas solanacearum
6087	resistance 3040	screening 1102
lucerne	satellite RNA 3233	varietal reactions 1102
diseases 411	serology 3233	Rhizoctonia solani
Verticillium albo-atrum 5727	susceptibility 2404	isolates 2408
mustard, Nematospora sinecauda	symptoms 3203, 6936	screening 2408
5991	transmission 4601, 6936	seedborne fungi 4602
barley	varietal reactions 1097, 3041, 6937,	Bangladesh 5208
Puccinia graminis 5528	8310	control 2411
Pyrenophora graminea 784	Yugoslavia 3038	Texas pepper geminivirus
Pyrenophora teres 1324	damping off, control 2409	characteristics 1100
biological control agents, legislation	diseases	Texas 1100
6174	control 5209	tobacco mosaic tobamovirus
Chamaecyparis nootkatensis, decline		
4439	Guam 4628	antiviral agents 8308
	India 7405	breeding 3038
Coniference Phining and ulata 8085	reviews 7405	control 1096, 6116
Coniferae, Rhizina undulata 8085	soil treatment 4600	economics of control 8306
crops, diseases 5238, 5241	symptoms 5209	France 8311
forest trees, decline 8046	fruit rots, control 38	induced resistance 6116, 8306
forests, diseases 978, 1484, 1486	Fusarium	interactions 2404
fungi 3185	resistance 5206	Japan 8306
lucerne, viruses 409	seeds 7198	resistance 5203
mycorrhizal fungi 7132	toxins 7198	seeds 3043
Nodulosphaeria edgari 222	Fusarium oxysporum f.sp. lycopersici,	serology 1250
Nodulosphaeria olivacea 222	varietal reactions 2407	strains 8311
oats	Fusarium solani	susceptibility 2404
Puccinia coronata 5604	Nematoda 8312	varietal reactions 1097, 8305
	varietal reactions 2407	Yugoslavia 3038
Puccinia graminis 5605		
peaches, Mucor piriformis 1417	Glomerella cingulata, varietal reactions	tomato mosaic tobamovirus
Picea glauca, mycorrhizas 4703	6120	France 8311

apsicum cont.	Captafol cont.	Carbazides
tomato mosaic tobamovirus cont.	control cont.	activity
strains 8311 tomato spotted wilt virus	Phytophthora nicotianae var. parasitica, guavas 7830	Aspergillus flavus 1712 Aspergillus niger 1712
Canary Islands 6118	Piper betle, diseases 1436	Carbendazim
characteristics 6118	Pleospora betae, sugarbeet 5135	activity
control 263	Pythium, ginger 5845	Aspergillus flavus 195
Italy 3234	Pythium ultimum, apples 4955	Aspergillus nidulans 5398
resistance 8307	Schizothyrium pomi, apples 7772	Botryodiplodia theobromae, pears
symptoms 6936 transmission 6936	Septoria chrysanthemella, chrysan-	5766 Botrytis cinerea 8267
vectors 263	themums 5708	Cercospora beticola 2469
Verticillium albo-atrum	Stemphylium vesicarium, onions 6924	Cochliobolus miyabeanus 1709
breeding 3038, 5204	Taphrina deformans, peaches 4254	Eleusine coracana 810
pathogenicity 8024	Vaccinium, storage decay 3450,	fungicides 2377
resistance 5203	6655	Fusarium 2315
Yugoslavia 3038	Venturia inaequalis, apples 895,	Fusarium oxysporum f.sp. nico-
Verticillium dahliae	897	tianae 4361
genetics 5205	fungicide residues, crops 1732	Fusarium oxysporum f.sp. sesami
varietal reactions 5205	nontarget effects, insects 6285	4998 Macronhomina nhaseolina 7870
viruses Haryana 6938	persistence	Macrophomina phaseolina 7870 mycorrhizas 155, 159
immunodiagnosis 6117	apples 7776 grapes 925	Pennisetum americanum 2011
India 1098	seed treatment	Phytophthora colocasiae 5290
Mexico 2405, 6113	soyabeans 3012	Rhizoctonia solani 2057, 5061
resistance 1098	Vigna radiata 1086, 8263	soil biology 7071
Xanthomonas campestris pv.	Captan	soil fungi 7227
vesicatoria	activity	soyabeans 6877
breeding 4599	Cercosporella rubi 7803	Venturia inaequalis 6624
control 6125, 6210	Cochliobolus miyabeanus 1709	control
genetics 2414, 6124 inoculation 3970	Fusarium oxysporum f.sp. sesami	Alternaria alternata, sesame 1437 Alternaria brassicae, Indian mus-
North Carolina 6210	4998	tard 6002
races 3970, 6210-6211	Gibberella fujikuroi, rice 5657	apples, cankers 5745
resistance 3970, 6123	Penicillium chrysogenum 2472	Aspergillus niger 4562
seeds 3232	Penicillium dupontii 2472 control	groundnuts 6079
Taiwan 3970, 6211	Alternaria alternata, sesame 1437	bananas, storage decay 4978
Turkey 3232	Aspergillus niger, groundnuts 4561	barley, diseases 2621, 5593
varietal reactions 3048	Cercosporella rubi, blackberries	Botryodiplodia theobromae, pears
aptab, control, Botryosphaeria dothidea,	7804	5766
Protea 2103 aptaf (see Captan)	Colletotrichum dematium, Capsi-	Botrytis cinerea cucumbers 7399
aptafol	cum 6119	pears 1415
activity	Corynespora cassiicola, Ceiba pen-	strawberries 4261
Alternaria alternata 7983	tandra 4423 cotton, boll rot 6557	sunflowers 6701
Cochliobolus lunatus 7448	Fomitopsis pinicola, grapes 2844	tomatoes 7399
Cochliobolus sativus 7448	Fusarium oxysporum, pines 8106	Botrytis elliptica, Lilium 6586-658
Fusarium oxysporum f.sp. nico-	Fusarium solani, Phaseolus vul-	Calonectria, Eucalyptus 8068
tianae 4361	garis 6047	Ceratocystis paradoxa, pawpaws
Glomerella cingulata 4156 mycorrhizas 159	Macrophomina phaseolina, Phaseo-	6681 Cercospora nicotianae, tobacco
Mycosphaerella caryigena 3562	lus vulgaris 6050	4356
Phytophthora colocasiae 5290	Monilinia fructicola, cherries 916	Cercospora psidii, guavas 4274
Venturia inaequalis 6624	Monilinia laxa, peaches 1418	Cercospora zinniae, Zinnia 869
control	Picea glauca, diseases 4466	Cladosporium humile, Populus
Alternaria, cauliflowers 5998	Puccinia asparagi, asparagus 6933 Pythium, ginger 5845	ciliata 4417
Alternaria brassicae	Rhizoctonia solani, pines 8106	Colletotrichum, limes 6535
Cruciferae 5988	Sclerotinia minor, groundnuts 623	Colletotrichum capsici, Piper betle
Indian mustard 6002	soyabeans, diseases 3017	2168
mustard 2331 rape 2331	Stemphylium vesicarium, onions	Colletotrichum curcumae, turmeric 7893
Alternaria macrospora, cotton 351	6924	Corticium rolfsii 4562
Alternaria solani, tomatoes 508	sunflowers, diseases 457	Corynespora cassiicola, Ceiba pen-
Botrytis cinerea, strawberries 441	Venturia inaequalis, apples 895,	tandra 4425
Botrytis elliptica, Lilium 6568	897, 6626	cotton, boll rot 6557
Cochliobolus nodulosus	Verticillium dahliae, potatoes 2207 fungicide residues	Cylindrocladium, Eucalyptus 8068
Eleusine coracana 4867	crops 1732	Diplodia, limes 6535
soil 3871	maize 5615	Elsinoë ampelina 5819
Colletotrichum capsici, Piper betle 2168	man 6610	Erysiphe polygoni Vigna mungo 4523
Elsinoë ampelina 5819	pears 5763	Vigna radiata 4523
Elsinoë fawcettii, mandarins 5676	fungicide tolerance, Macrophomina	fruit trees, diseases 2738
Fusarium oxysporum f.sp. cepae,	phaseolina 49	Fusarium, limes 6535
onions 6923	nontarget effects, insects 6285	Fusarium oxysporum f.sp. cubense
Gloeodes pomigena, apples 7772	persistence, soil 1705	bananas 5793, 7826
Glomerella cingulata	photolysis 3766	Fusarium solani
Coriandrum sativum 2165	phytotoxicity, apples 897 seed treatment	aubergines 1104
yams 8322	aubergines 644	limes 7669
Macrophomina phaseolina, Vigna radiata 4583, 8263	groundnuts 6883	garlic, storage decay 1091 Gloeodes pomigena, apples 7772
Peronospora trigonella, Trigonella	Leguminosae 6853	Gloeosporium limetticola, oranges
foenum-graecum 5850	maize 2646, 4860	7666
Pestalotia psidii, guavas 5794	peas 600, 6037	Glomerella cingulata, mangoes 92
Phoma costarricensis, coffee 3317	Pennisetum americanum 2015	groundnuts, diseases 3643
Phomopsis psidii, guavas 3967	Psophocarpus tetragonolobus 6911	Isariopsis indica var. zizyphi,
Phomopsis viticola, grapes 3967	sorghum 5626, 5629	Žiziphus mauritiana 2820
Phytophthora	soil treatment 1655	Macrophomina phaseolina
mandarins 7663 rubber 5026	Caragana sinica, Microsphaera caraganae,	Cicer arietinum 8271
Phytophthora infestans, Solanum	China 361 Carbamates, fungicide residues, spinach	cowpeas 8246 Vigna mungo 593
laciniatum 7884	4492	Vigna radiata 593, 4583, 8263

arbendazim cont.	Carbendazim cont.	Carissa opaca
control cont.	seed treatment cont.	Cercospora carissae
Magnaporthe salvinii, rice 2027	groundnuts 625	Madhya Pradesh 8079
Monilinia fructigena apples 7783	maize 321, 1997	taxonomy 8079
apricots 433	peas 6037 sorghum 5626	Carnation etched ring caulimovirus, carnations 368
Monilinia laxa	soyabeans 3012	Carnation latent carlavirus
apples 7783	Vigna mungo 593 Vigna radiata 593, 1086, 8263	carnations 367
apricots 433  Mycosphaerella berkeleyi, ground-	wheat 760	nucleotide sequences 2554, 5482, 7328  Carnation mottle carmovirus, carnations
nuts 38	soil treatment 2057, 2705, 5624, 7806,	368, 1383, 2698
Mycosphaerella musicola, bananas 5793	8246, 8271	Carnation necrotic fleck closterovirus, car-
Oidium heveae, rubber 7951	translocation, cotton 834  Carbofuran, control, rice tungro virus, rice	nations 368
Oidium tingitaninum, mandarins	331	Carnation vein mottle potyvirus, carnations 367
7675	Carboxin	Carnation yellow fleck closterovirus, carna-
ornamental plants, diseases 2063 ornamental woody plants, diseases	activity Alternaria carthami 6700	tions 366 Carnations
2738	Aspergillus flavus 195	Albugo, Italy 3326
Penicillium expansum	barley 776	Alternaria dianthi, Korea Republic
apples 5758 pears 1415	Cochliobolus spicifer 1103 Macrophomina phaseolina 6700	2087
Periconia manihoticola, rubber 959	mycorrhizas 156	Botrytis cinerea, control 5702 carnation etched ring caulimovirus,
Pestalotia theae, tea 7970	Rhizoctonia 5295	Czechoslovakia 368
Phoma costarricensis, coffee 3317 Phomopsis psidii, guavas 3967	Rhizoctonia solani 5984 soil fungi 7227	carnation latent carlavirus, immu-
Phomopsis vexans, aubergines 1639	control	nodiagnosis 367 carnation mottle carmovirus
Phomopsis viticola, grapes 3967	Alternaria padwickii, rice 7630	Czechoslovakia 368
Phyllosticta arecae, Areca catechu 466	Aspergillus niger, groundnuts 4561, 6079	India 1383
Pleospora betae, sugarbeet 5135	Fomitopsis pinicola, grapes 2844	Shanghai 2698 transmission 1383
Prathigada zizyphi, Ziziphus	Phomopsis vexans, aubergines 1639	carnation necrotic fleck closterovirus,
mauritiana 2819 Pseudocercosporella	Pyrenophora graminea, barley 7529	Czechoslovakia 368
herpotrichoides	seedborne fungi, Capsicum 2411 soyabeans, diseases 3017	carnation vein mottle potyvirus, immu-
rye 733	Sphacelotheca reiliana, maize 5618	nodiagnosis 367 carnation yellow fleck closterovirus,
wheat 733, 767  Pyrus pyrifolia, storage decay 7787	Stemphylium vesicarium, onions 6924	immunodiagnosis 366
rape, diseases 6830	Tilletia controversa, wheat 2606	fungicide residues, determination 3328 Fusarium
Rhizoctonia solani	Tilletia laevis, wheat 2606	soil pH 2089
chrysanthemums 7700 limes 2675	Ustilago scitaminea, sugarcane 7965	soil properties 2089
potatoes 3510	Ustilago segetum var. tritici, wheat	Fusarium oxysporum, biological con-
radishes 1924	7488	trol 3959 Fusarium oxysporum f.sp. dianthi
rice 7629	degradation, soil 7227	antagonists 850
Rhynchosporium secalis, barley 6485, 7530	fungicide tolerance, <i>Ustilago segetum</i> var. <i>nuda</i> 3278	biological control 3327, 3964, 4175,
Schizothyrium pomi, apples 7772	seed treatment	6574 breeding 4172, 5704-5705
Sclerotinia trifoliorum, clovers 888	barley 7529	Germany 4913
Septoria chrysanthemella, chrysan- themums 5708	cotton 2057 maize 1997, 7557	host parasite relationships 4174,
Sphaerotheca fuliginea,	Medicago 1306	6575 hydroponics 3327
Cucurbitaceae 1041	sorghum 5628 wheat 760, 1306, 7488	in vitro selection 7397
Stagonospora sacchari, sugarcane 2224	soil treatment 1655	inoculation 3329
Stemphylium vesicarium, onions	uptake, safflower 6700	iron 850 pathogenicity 2088
6924 sugarcane, diseases 3526	Cardamom katte virus, Elettaria cardamomum 3483-3484	phytoalexins 851, 3329, 6575
sunflowers, diseases 457	Cardamoms (see Elettaria cardamomum)	restriction fragment length polymor
Taphrina deformans, peaches 4254	Carduus pycnocephalus	phism 2088 testing 4913
Tilletia indica, wheat 1958 Ustilago scitaminea, sugarcane 487	Puccinia carduorum characteristics 3686	varietal reactions 851, 2699, 6575
Venturia inaequalis, apples 895,	isolates 3686	vegetative compatibility groups 369,
897	Carduus tenuiflorus	2088 Gibberella zeae
wheat, diseases 6444  Xanthomonas campestris pv.	Puccinia carduorum characteristics 3686	New Zealand 370
vignicola, cowpeas 3653	isolates 3686	pathogenicity 7418
degradation, soil 7227	Carduus thoermeri	toxins 7418  Phialophora cinerescens
determination, water 40 fungicide residues	Puccinia carduorum characteristics 3686	host parasite relationships 6575
pears 5763	isolates 3686	phytoalexins 6575
soil 4673	Carex	strains 7698 USSR 7698
fungicide tolerance bananas, fungi 7825	Anthracoidea caryophylleae, Japan 4746	varietal reactions 6575
Penicillium 6633	Anthracoidea limosae, Japan 4746	phytoalexins, biochemistry 7539
Pseudocercosporella herpo-	Anthracoidea pilosae, Japan 4746	Phytophthora Hawaii 4176
trichoides 733, 6439 nontarget effects, insects 6285	Schizonella melanogramma, Japan 4746	pathogenicity 4176
persistence	Carex acutiformis, Massarina tetraploa,	Taiwan 4176
apples 7776	taxonomy 1228	Phytophthora nicotianae var. parasitica
grapes 925 rice 5653	Carex distachya, Anthracoidea kuk- konenii, Algeria 215	Italy 3963 soil treatment 3963
soil 1705	Caribbean	Pseudomonas andropogonis, epidemiol-
phytotoxicity	bananas, postharvest decay 7824	ogy 5706
apples 897	crops, diseases 1735 vegetables, diseases 1570	Rhizoctonia solani anastomosis groups 4177
sugarcane 487 seed treatment	Carica papaya (see Pawpaws)	pathogenicity 4177
Cicer arietinum 2384, 8267, 8271	Carica pentagona	varietal reactions 4177
cotton 2057 cowpeas 630, 8248	Oidium caricae-papayae, British Columbia 5803	Uromyces dianthi control 3958, 7699
grain legumes 6852	viruses, identification 2818	plant extracts 3958

Carnations cont.	Cashews cont.	Catharanthus roseus
viroids	Oidium anacardii cont. Tanzania 7911, 8082	Agrobacterium tumesaciens, plant growth regulators 5253
DNA probes 849 infectivity 849	Pseudomonas solanacearum, Indonesia	mycoplasma-like organisms
Carrot red leaf luteovirus, Coriandrum	8084	detection 717, 858, 4945, 5499
sativum 7854	Casimiroa edulis, Agrobacterium, genetic	DNA 858
Carrot temperate virus, carrots 4507	transformation 425	DNA probes 717, 4945, 5499
Carrot thin leaf potyvirus, carrots 4506	Cassava	Italy 843
Carrots	African cassava mosaic geminivirus	restriction fragment length polymo
Agrobacterium rhizogenes	Africa 3682	phism 4945
binding 2338	control 3682, 6128	serological relationships 3331
mutants 2338	Ivory Coast 3681	plant extracts
Alternaria dauci	spread 3681	antifungal agents 6667 antiviral agents 6416
screening 2984 varietal reactions 5965	Zaire 4609	Pseudomonas syringae
Alternaria radicina, screening 2984	cassava X virus	calcium 4652
bacteria	Colombia 8317	callose 4652
insects 6834	transmission 8317	toxins 4652
seeds 6834	Colletotrichum gloeosporioides f.sp. manihotis	Pythium aphanidermatum, metabolism
carrot temperate virus	temperature 1108	1269
classification 4507	varietal reactions 1108	Catinella olivacea
RNA 4507	diseases	Populus 3184
carrot thin leaf potyvirus	antagonists 1642	Salix 3184
California 4506 characteristics 4506	Colombia 4608	Cattle, transmission, Acremonium coe- nophialum 7737
cavity spot, control 6009	Guam 4628	Cauliflower mosaic caulimovirus
Cercospora carotae	intercropping 4608	cabbages 8135
control 702, 2982	nomenclature 3073	cauliflowers 3594-3595, 8135
environmental factors 3601	Philippines 3054	molecular genetics 2550, 2552, 7336,
forecasting 702	quarantine 8319	7384-7385
Japan 2982	reviews 8319	nucleotide sequences 256, 1903
models 3601	Indian cassava mosaic virus	transmission 5467
Quebec 1584	India 8318	Cauliflowers
sampling 1584	Kerala 6129	air spora, India 2334
diseases, resistance 2983, 8157	spread 6129 yield losses 8318	Alternaria brassicae
Erwinia carotovora	Sphaceloma manihoticola, varietal	control 5998 Haryana 8139
pathogenesis-related proteins 2337 varietal reactions 6835	reactions 1641	pathogenicity 8139
Erwinia carotovora subsp. carotovora,	Cassava common mosaic potexvirus	Alternaria brassicicola
Karnataka 8158	characteristics 5471	control 5998, 7081
Fusarium	purification 5471	Haryana 8139
storage 2985	serology 5471	pathogenicity 8139
varietal reactions 2985	Cassava X virus, cassava 8317	cauliflower mosaic caulimovirus
Gigaspora margarita, mycorrhizas, host	Cassia	epidemiology 3594
specificity 176	diseases	France 3594-3595
Leptosphaeria libanotis, screening 2984	reviews 7761	isolates 3595
Mycocentrospora acerina, Norway 1036	Tropics 7761	Turkey 8135 virulence 3595
Pleospora herbarum, screening 2984	Cassia corymbosa, cassia severe mosaic virus, characteristics 374	yield losses 3594
Pythium, integrated control 4484	Cassia nodosa	Cochliobolus verruculosus, India 720
Pythium ultimum	Rhizoctonia solani	curd rot
California 5142	control 2256	aetiology 5995
environmental factors 5142	India 2256	environmental factors 5997
Pythium violae	Cassia obtusifolia	Himachal Pradesh 5995
California 5142	Alternaria cassiae	Fusarium equiseti
environmental factors 5142	biological control 650, 3685, 4622,	India 720
Rhizobacter daucus	6136	nutrients 8143
Japan 5143	host parasite relationships 4622	Fusarium solani
varietal reactions 5143 Rhizoctonia carotae	inoculum 3685	enzymes 5996 pathogenicity 5996
control 5141	Cassia occidentalis, Oidium, phylloplane	mycorrhizas, diseases 1033-1034
Norway 1036	fungi 1933	Peronospora parasitica, screening 598
storage 5141	Cassia renigera	Pseudomonas syringae pv. maculicola
seedborne fungi	Ceratocystis fimbriata hosts 7703	seeds 3232
Pakistan 6010	São Paulo 7703	Turkey 3232
varietal reactions 6010	Cassia severe mosaic virus, Cassia	Rhizoctonia solani
Streptomyces, Michigan 1585	corymbosa 374	biological control 1033-1034
Streptomyces acidiscables, pathogenic-	Castanea (see Chestnuts)	mycorrhizas 1033-1034
ity 5514	Castanea sativa	temperature 1034
Streptomyces scabies, pathogenicity 5514	Tuber albidum	Sclerotinia sclerotiorum, varietal reac
Xanthomonas campestris pv. carotae	mycorrhizas	tions 5140
USSR 2986	growth 73	seedborne fungi, biochemistry 8149 tipburn
varietal reactions 2986	synthesis 73	calcium 2336
yellows	Castanopsis, Cortinarius, mycorrhizas,	varietal reactions 2336
mycoplasma-like organisms 5964	Australasia 5315	turnip mosaic potyvirus
Oklahoma 5964	Castor beans (see Ricinus communis)	transmission 8134
Carthamus	Casuarina equisetifolia	yield losses 8134
Stemphylium solani	Glomus fasciculatum, mycorrhizas 2502	Xanthomonas campestris, control 815
environmental factors 5833	Macrophomina phaseolina, control	Cedar (see Cedrus)
Mexico 5833	4424	Cedar, Japanese (see Cryptomeria
varietal reactions 5833  Carthamus tinctorius (see Safflower)	Scutellospora calospora, mycorrhizas	japonica) <b>Cedrela</b>
Carum carvi	2502	diseases
Chaetomium trilaterale	Casytha filiformis, transmission, citrus	nurseries 2917
Andhra Pradesh 5822	tristeza closterovirus 4125	Tropics 2917
seeds 5822	Catalogues	Cedrus deodara, plant extracts, antiviral
Carya illinoensis (see Pecans)	viroids 7307	properties 3199
Cashews	viruses 7307	Ceiba pentandra
Oidium anacardii	Catechin, activity, Cochliobolus	Corynespora cassiicola
control 7911, 8082	miyabeanus 3307	control 4425

·		****
Ceiba pentandra cont.	Ceratocystis fimbriata cont.	Cercospora kikuchii, soyabeans 612, 615,
Corynespora cassiicola cont.	Colocasia esculenta 2425, 8320	3640, 4547, 8212
India 4425 Rhizoctonia solani	Ceratocystis fimbriata f.sp. platani, Platanus acerifolia 988	Cercospora laporticola, Laportea crenulata 1848
control 2256	Ceratocystis ips, pines 6804	Cercospora macrochaeta, Quercus glauca
India 2256, 5061	Ceratocystis moniliformis, ascospores 1200	7250
Celastrus paniculatus	Ceratocystis paradoxa	Cercospora medicaginis, lucerne 883
Phyllachora celastri taxonomy 7283	Areca catechu 7411 coconuts 7411, 7902	Cercospora meliae, Melia azedarach 2920 Cercospora moricola, mulberries 3456,
Uttar Pradesh 7283	pawpaws 6681	5783, 7817
Celery	sugarcane 2221, 4342, 5893, 6739,	Cercospora nicotianae, tobacco 4355-4356
Cercospora apii	7411	Cercospora pachirae, Pachira aquatica
control 4508 Florida 4508	Ceratocystis piceae Quercus petraea 4415	Carcasnava narsamata (saa Mycasnhaaralla
cucumber mosaic cucumovirus, symp-	toxins 6344	Cercospora personata (see Mycosphaerella berkeleyi)
toms 3203	Ceratocystis ulmi	Cercospora piaropi, Eichhornia crassipes
Erwinia carotovora, toxins 5144	dimorphism 4413	1647
Fusarium oxysporum f.sp. apii 3603 control 3602	enzymes 50 immunodiagnosis 227	Cercospora populina, Populus casale 208
genetics 1093	laboratory tests, plant extracts 3753	Cercospora psidii, guavas 4274 Cercospora ptericarpiola, Pterocarpus
somaclonal variation 1093	restriction fragment length polymor-	indicus 2920
mycorrhizas, phosphorus 174	phism 5069	Cercospora ricinella, Ricinus communis
Sclerotinia sclerotiorum	Ulmus 536, 2262, 2264, 2928, 3557,	7868
biological control 4485 toxins 5144	4412, 5364, 8049, 8062-8064 Ulmus americana 537, 983, 6789-6790,	Cercospora rosicola abscisic acid 1728, 6351
Septoria apiicola	8061	laboratory tests, triarimol 1728
control 3604, 6836	Ulmus pumila 5941	roses 6591
Queensland 3769	virulence 5069	Cercospora sequoiae var. juniperi,
Celosia argentea Rhizoctonia solani	Ceratopycnidium baccharidicola, Baccharis coridifolia 7276	Juniperus 1020 Cercospora sojina, soyabeans 5171, 6060
soil treatment 7706	Ceratorhiza goodyerae-repentis,	Cercospora solani
South Australia 7706	Orchidaceae, mycorrhizas 178	Solanum khasianum 208
Cenangium abietis, pines 2945	Ceratosporella disticha, Palmae 1882	Solanum surattense 208
Clavisers sorghi hosts 803	Ceratotect, control, Ceratocystis ulmi, Ulmus 2264	Cercospora sorghi, sorghum 326, 2007, 2009
Claviceps sorghi, hosts 803 ergot, control 6605	Cercospora	Cercospora zeae-maydis, maize 2004
Cenchrus setigerus, Claviceps sorghi, hosts	avocados 920	Cercospora zebrina
803	books 5412	clovers 881
Cenococcum, Picea mariana, mycorrhizas	buckwheat 4080	Leguminosae 881
1758 Cenococcum geophilum	Cyperus rotundus 3064 faba beans 3633	Cercospora zinniae, Zinnia 869 Cercospora zonata, faba beans 208
enzymes 65, 1794	groundnuts 4486	Cercosporella, taxonomy 7291
Fagus sylvatica, mycorrhizas 2483	lucerne 5729	Cercosporella crataevae, Crataeva religiosa
nitrogen metabolism 1794	maize 4057	1850
Picea abies, mycorrhizas 673, 2483 Picea rubens, mycorrhizas 2490	Phormium tenax 2716 Pterocarpus indicus 2920	Cercosporella herpotrichoides (see Pseudocercosporella herpotrichoides)
pines, mycorrhizas 77, 1746, 3813,	Taiwan 1834-1836, 5412	Cercosporella rubi
6304	taxonomy 1224, 1834-1836	blackberries 7803-7804, 7818
Cenococcum graniforme	Vigna radiata 1079, 1083	laboratory tests, fungicides 7803
Abies alba, mycorrhizas 3809 copper 2493	wheat 7452 Cercospora alocasiae, Alocasia indica 208	Cereal mosaic virus, cereals 7429 Cereal pupation virus, cereals 7429
enzymes 2497	Cercospora apii	Cereals
pigmentation 2493	celery 4508	barley yellow dwarf luteovirus
Quercus suber, mycorrhizas 1165	coconuts 1439	California 6435
Centaurea maculosa, Alternaria alternata, toxins 3684	India 5418 Cercospora arachidicola (see Mycosphaer-	environmental factors 728 Finland 729
Centaurea solstitialis	ella arachidis)	flooding 5523
Puccinia jaceae	Cercospora asparagi, asparagus 3674	Germany 728
biological control 5218	Cercospora beticola	hosts 729
environmental factors 5218  Centrosema	Beta procumbens 3590 Beta webbiana 3590	reservoir hosts 6435 transmission 728, 2581
Cylindrocladium colhounii	fungicide tolerance 2469	UK 2581
Colombia 889	laboratory tests	vectors 729, 5523
Costa Rica 889	benzanilides 1714	brome mosaic bromovirus, immu- nodiagnosis 7429
Centrosema macrocarpum, soybean mosaic potyvirus, Colombia 422	fungicides 2469 mutants 2469	cereal mosaic virus, immunodiagnosis
Cephalosporium	sugarbeet 2970, 2973-2974, 3590,	7429
coconuts 465	5124, 5131, 5974, 6268, 8131	cereal pupation virus, immunodiagnosis
maize 4057	Cercospora boswelliae, Boswellia serrata 8079	7429 Cookligholus ganisulatus USSR 7427
soyabeans 3016 Cephalosporium maydis, maize 2005,	Cercospora cajani, pigeon peas 8253	Cochliobolus geniculatus, USSR 7427 Cochliobolus lunatus, USSR 7427
2646, 5624, 6504, 6507	Cercospora canescens	diseases
Cephalosporium sacchari, sugarcane 3526,	cowpeas 3021	aerial photography 1886
4340	hosts 7249	Austria 2467
Ceratobasidium cereale, Goodyera repens, mycorrhizas 177	India 5418, 7249 Psophocarpus tetragonolobus 8285	bibliographies 5520 breeding 4781
Ceratocystiopsis collifera, pines 4435	Vigna radiata 6096	control 736, 2587, 5520, 5596,
Ceratocystis	Cercospora carissae, Carissa opaca 8079	6268, 6272, 6274-6275, 6436,
Lentinula edodes 3665	Cercospora carotae, carrots 702, 1584,	6438, 6446, 7438 cropping systems 7426, 7437
pines 2297 Ceratocystis clavigera, pines 5097	2982, 3601 Cercospora convolvuli, Convolvulus arven-	detection 6446
Ceratocystis coerulescens	sis 208	diagnosis 736
Acer saccharum 2258	Cercospora cyclosori, Cyclosorus 1848	epidemiology 7438
melanins 4718	Cercospora diplaziicola, Diplazium	Europe 6275 Finland 7437
Ceratocystis fagacearum Quercus 5073	esculentum 1215 Cercospora edgeworthiae, Edgeworthia	fungicide tolerance 280
Quercus ellipsoidalis 5943	chrysantha 998	fungicides 2588
Quercus robur 1513	Cercospora geniculata, Urena lobata 1215	genotype mixtures 3992, 4781
Ceratocystis fimbriata ascospores 1200	Cercospora hygrophilae, India 5418 Cercospora ipomoeae, Ipomoea	Germany 2587-2588 Greece 279
Cassia renigera 7703	arborescens 208	integrated control 3977, 5596

ereals cont.	CGA 169374 cont.	Cherries
diseases cont.	seed treatment, faba beans 607	Agrobacterium tumefaciens, biologica
organic farming 3977	CGA 173506	control 7805
resistance 4778	antifungal properties 6267	apple chlorotic leafspot virus
reviews 7426	seed treatment, cereals 6274  Chaetomium brasiliense	elimination 2800
seed treatment 279, 2467 UK 280, 6436	cowpeas 8244	symptoms 2743  Blumeriella jaapii
varietal reactions 5596, 7433	tomatoes 8006	breeding 2801, 4964, 7802
Drechslera, USSR 7439	Chaetomium cochlioides, control, Pyricu-	screening 7801
Erysiphe graminis	laria oryzae, rice 2661	Ukrainian SSR 4965
formae speciales 2586	Chaetomium flavum, Foeniculum vulgare	USSR 2801, 7801
genetics 2586	5822	varietal reactions 435, 4965
isoenzymes 2586	Chaetomium funicola, Trachyspermum ammi 5822	cherry green ring mottle virus, detec-
proteins 2586 fungi	Chaetomium globosum	tion 2799 cherry leaf roll nepovirus
detection 7434	antagonism	serological relationships 3553
enzymes 7434	Pyricularia oryzae 3303	UK 3553
seeds 7434	Setosphaeria turcica 6510	dieback
storage 1935	cauliflowers 5995	Czechoslovakia 3446-3447
fungicide residues, determination 3755,	cellulase 3155	mineral content 3447
Fusarium	control Cochliobolus sativus, wheat 4819	varietal reactions 3446
Europe 3882, 3981	Pyricularia oryzae, rice 332	diseases
fertilizers 7436	Cuminum cyminum 5822	control 4963 Ukrainian SSR 4963
Italy 277, 3980	Fagus sylvatica 1506	USA 915
Mediterranean countries 2584	Foeniculum vulgare 5822	epirus cherry virus
plant growth regulators 7436	hops 7239	characteristics 3449
reviews 3989 seeds 7436	mutants 3155	Greece 3449
taxonomy 3882	Trigonella foenum-graecum 5822	Eudarluca biconica
toxins 277, 2584, 3980-3981	vegetables 1021 wheat 7239	Japan 4967
varietal reactions 7436	Chaetomium indicum, maize 1991	taxonomy 4967
Fusarium crookwellense, toxins 2585	Chaetomium mororum	Eutypa lata California 4257
Gaeumannomyces graminis	Cuminum cyminum 5822	perithecia 4257
biological control 2582 reviews 2582	Foeniculum vulgare 5822	Glomus intraradices, mycorrhizas,
Gibberella	Trigonella foenum-graecum 5822	ultrastructure 1783
Mediterranean countries 2584	Chaetomium olivaceum, antagonism, Pleurotus 1089	Leucostoma, Germany 5773
toxins 2584	Chaetomium trilaterale	Leucostoma persoonii
maize streak geminivirus, genetic trans-	Carum carvi 5822	Czechoslovakia 2797
formation 6434	Cuminum cyminum 5822	Germany 2797
northern cereal mosaic rhabdovirus,	Trigonella foenum-graecum 5822	varietal resistance 2797  Monilinia fructicola, control 916
immunodiagnosis 7429 Pseudocercosporella herpotrichoides	Chalara, Cactaceae 5703	Monilinia laxa
Europe 6439	Chalara australis, Nothofagus cun-	control 436
France 3984	ninghamii 4426, 8055	environmental factors 436
fungicide tolerance 3984, 6439	Chalara paradoxa, bananas 7828 Chalaropsis thielavioides, roses 6590	mycorrhizas, plastids 1792
immunodiagnosis 6437	Chamaecyparis	Phytophthora
Pseudocercosporella herpotrichoides	yellows	Australia 6266
var. <i>acuformis</i> , immunodiagnosis 3238	China 2963	control 6266 Phytophthora cambivora
Pseudocercosporella herpotrichoides	mycoplasma-like organisms 2963	Australia 3433
var. herpotrichoides, immu-	Chamaecyparis nootkatensis	control 3433, 4251
nodiagnosis 3238	decline aetiology 8117	South Australia 4251
Puccinia coronata	Alaska 8117	Podosphaera clandestina
gene banks 2580 pathotypes 2580	Canada 4439	overwintering 4966
USSR 2580	environmental factors 4439	USA 4966
Puccinia graminis	USA 4439	prune dwarf ilarvirus, elimination 280
gene banks 2580	Chamaecyparis obtusa	prunus necrotic ringspot ilarvirus elimination 2740, 2800
pathotypes 2580	Chloroscypha chamaecyparidis, envi-	induced resistance 2798
USSR 2580	ronmental factors 4479 diseases, Korea Republic 4433	spread 2798
Puccinia recondita gene banks 2580	fungi	Washington 2798
pathotypes 2580	Japan 2281	Pseudomonas syringae
USSR 2580	seeds 2281	Czechoslovakia 2797
Puccinia striiformis	Pezicula livida, Hokkaido 547	Germany 2797
gene banks 2580	Sarea resinae, Hokkaido 547	varietal resistance 2797
pathotypes 2580	Seiridium unicorne	seedborne fungi, pathogenicity 557 Sordaria
USSR 2580	Japan 4477 spread 4477	Japan 4967
Pyrenophora, USSR 7439 seedborne fungi, gamma radiation 7431	Tokkuri disease, Japan 4478	taxonomy 4967
storage decay, control 738	Chamaecyparis pisifera, diseases, Korea	Stigmina carpophila, flavanols 4938
viruses, serological relationships 5525	Republic 4433	Valsa, Germany 5773
wheat dwarf geminivirus, genetic engi-	Chamomilla recutita, plant oils,	viruses, varietal reactions 3448
neering 1936	antibacterial agents 7012	Cherry green ring mottle virus, cherries 2799
eriporiopsis resinascens, Germany 3181	Cheiranthus cheiri Alternaria	Cherry leaf roll nepovirus
erotelium fici, mulberries 4264 erotoma trifurcata	host parasite relationships 7408	Betula 3553
interactions, comovirus group 3212	infection 7408	Betula occidentalis 4406
transmission, bean pod mottle	Chenopodium album, Peronospora	Betula pendula 2923, 2925, 3553, 44
comovirus 1602	trigonella, pathogenicity 5850	cherries 3553
errena unicolor	Chenopodium amaranticolor	Fagus sylvatica 3553
Acer saccharum 1497	plant extracts, antiviral agents 6508	forest trees 2915 Fraxinus excelsior 5937
Betula papyrifera 1497 GA 169374	spinach mosaic virus, inhibition 2328  Chenopodium quinoa	plums 3372
activity, Oncobasidium theobromae	beet soil-borne virus, purification 2319	Sambucus nigra 2923
2572	peanut stunt cucumovirus, cytology 391	Sambucus racemosa 3553
antifungal properties 48	Peronospora farinosa f.sp. chenopodii,	walnuts 3372, 3553
control, Mycosphaerella citri,	Alberta 5639	Cherry mottle leaf virus, cherries 3448
grapefruits 4138	potato S carlavirus, strains 712	Cherry twisted leaf virus, cherries 3448

Chestnuts	China cont.	China cont.
Boletus edulis, mycorrhizas, inocula-	Heilongjiang	Cinnamomum camphora, Exobasidium
tion 6309	Erysiphaceae 361	sawadae 6370
Cryphonectria parasitica	maize, Setosphaeria turcica 4061	citrus, damping off 5670
bibliographies 1507	rice, Pyricularia oryzae 4094	Cochliobolus heterostrophus 1840
biological control 2260-2261, 5940	Hunan	Coniferae
breeding 1508	bamboos, Puccinia bambusicola	mycorrhizas 2492
China 982	7695	wood destroying fungi 551
epidemiology 8049	pines, Diplodia pinea 2291	cotton
gene expression 5939 hypovirulence 3556, 5939-5940,	Jiangsu	diseases 7679
6788	Capsicum, cucumber mosaic	Fusarium 7680
Italy 534, 2261, 5938	cucumovirus 4601	Verticillium 7680 cowpeas, cowpea aphid-borne breaking
light intensity 3556	pines, Diplodia pinea 559	virus 8243
mites 534	soil, mycorrhizal fungi 126	crops, acid rain 4784
RNA 982, 5939, 6788	watermelons, viruses 2342 wheat, wheat spindle streak mosaic	Cunninghamia lanceolata, Rhizoctonia
selection 1509	virus 4794	solani 2304
survival 8060	Liaoning, pines, Cronartium ribicola	Deuteromycotina 6363
Switzerland 1509	4452	Edgeworthia chrysantha, Cercospora
Didymosporium radicicola, toxins 535	Nanjing	edgeworthiae 998
Macrophoma castaneicola, toxins 535	wheat	Elaphomyces 7274
Phytophthora cambivora	Erysiphe graminis 742	Eucalyptus citriodora, gummosis 984
control 4411	Puccinia 742	faba beans
Greece 4411	Nei Menggu, Serissa serissoides,	diseases 4543
Chickpea distortion mosaic virus, Cicer	Melampsora serissicola 2523	turnip mosaic potyvirus 8197
arietinum 6082-6083	Ningxia, Pythium 7241	Fusarium merismoides 1841
Chickpeas (see Cicer arietinum)	Qinghai, Cremanthodium discoideum,	Ganoderma 1219
Chicory	Puccinia cremanthodii 1857	Gastrodia elata, Mycena osmundicola
brown core	Shaanxi	1796
calcium 4598	Cornus officinalis, Colletotrichum	Gramineae, Uredinales 7259
ultrastructure 4598	4311	Grapes  Coniella diplodiella 4292
Erysiphe cichoracearum, control 6932	Macrocarpium officinale, Glomer-	Coniella diplodiella 4292 Glomerella cingulata 2161
Phoma exigua var. exigua, Italy 6927	ella cingulata 2935	groundnuts
postharvest decay, control 4594	Populus, Dothiorella gregaria 2931	peanut stripe potyvirus 1068
Pseudomonas cichorii, phytoalexins	wheat	Pseudomonas solanacearum 6895,
4597	Alternaria alternata 5548	8233-8234, 8240
Pseudomonas marginalis pv.	Cochliobolus sativus 5548	Haloxylon ammodendron, Uromyces
marginalis hosts 6935	Shandong 2026	sydowii 2274
Italy 6935	Albizia julibrissin, Fusarium 2936	Juniperus, diseases 1020
Puccinia cichorii	pines, Cenangium abietis 2945	Kalopanax pictus, Phyllosticta
control 6932	Populus, Armillaria mellea 5077 Shanghai	acanthopanacis 2277
Italy 6931	carnations, carnation mottle	larch
varietal reactions 6931	carmovirus 2698	Diaporthales 1865
Thielaviopsis basicola	cucumbers, Pseudoperonospora	Mycosphaerella larici-leptolepis
roots 6934	cubensis 3608	2286, 2940
South Africa 6934	Mentha spicata	Trichoscyphella willkommii 3575
Chile	cucumber mosaic cucumovirus	Lauraceae, Puccinia 7265
Cupressaceae, Seridium cardinale 1568	4302	maize, diseases 5608
Eucryphia cordifolia, Phellinus	tomato aspermy cucumovirus	Meliola 1845 Meliolaceae 1844, 2522
ralunensis 6377	4302	Microula 1856
Nothofagus, diseases 1504	peas, viruses 4524	mulberries, diseases 7815
Nothofagus procera, Cylindrocladium	Sichuan	mushrooms, fungi 2394
scoparium 8086	Aleurites fordii	mycorrhizal fungi 7123
pines	air pollution 4428	ornamental plants, diseases 363
Cylindrocladium scoparium 8086	Fusarium solani f.sp. aleuritidis	Panax notoginseng
Mycosphaerella pini 1542	3565	Colletotrichum dematium 4310
Nectria radicicola 8086 Rhizosphaera kalkhoffii 8086	Picea, dieback 2300	Glomerella cingulata 4310
Sclerophoma semenospora 8086	pines, decline 4463 Tibet, Alchemilla gracilis, Trachyspora	Paulownia
Platanus	intrusa 1218	Botryosphaeria dothidea 2279
Gnomonia platani 1514	Xinjiang	Valsa paulowniae 2279
Microsphaera penicillata 1515	Sphaerophysa salsula, Thecaphora	Peronospora microulae 1856
plums, tomato ringspot nepovirus 2790	sphaerophysae 1864	Phtheirospermum japonicum, Cronar- tium flaccidum 2295
rain forests, Ganoderma australe 6378	Uredinales 1839	Phytophthora 1843
stone fruits, Mucor 4961	Ustilaginales 1838	pines
tomatoes	Yunnan	Botryodiplodia theobromae 2253,
Pseudomonas syringae pv. tomato	bananas, cucumber mosaic	4456
8028	cucumovirus 2814	Cronartium flaccidum 2295
Xanthomonas campestris pv. vesi-	rice, Pyricularia oryzae 4095	Cronartium flaccidum f.sp. sipho-
catoria 8028	Zhejiang, barley, Spiroplasma 7512	nostegium 2294
wheat, black point 3250	Acacia mearnsii, Pestalotia 2257	Cronartium quercuum 4446
Chillies (see Capsicum)	Albizia julibrissin, Fusicoccum 2278	Cronartium ribicola 1011
China	Aleurites fordii, Fusarium solani 996 Aleurites montana, Glomerella cingu-	dieback 4464
Fujian	lata 999	Diplodia pinea 4456
Prunus fukienensis, Podosphaera wuyishanensis 1855	Androsace fedtschenkoi, Thecaphora	gummosis 1012, 2296
tomatoes, cucumber mosaic	oberwinkleri 215	Lophodermium 1551 Lophodermium maximum 1014
cucumovirus 967	apples, Valsa ceratosperma 7782	Lophodermium maximum 1014 Lophodermium sulcigena 4451
Guangdong, groundnuts, Pseudomonas	aubergines, Verticillium dahliae 3230	Mycosphaerella dearnessii 1538,
solanacearum 8235	bamboos	3576
Guangxi, pines, Mycosphaerella dear-	Aciculosporium take 1520	Septoria 4451
nessii 2292	Stereostratum corticioides 546, 995	Populus
Guizhou	Betula, diseases 2259	cankers 991
Ganoderma 1837	black currants, Sphaerotheca mors-	Cryptodiaporthe populea 5078
Ganoderma cantharelloideum 1854	uvae 4970	Marssonina 545
Hebei	Calystegia hederacea, Spiroplasma	Mycosphaerella mandshurica 544
pears, Venturia pirina 4237	chinense 1923	Pseudocercospora 7261
Populus, Tricholoma populinum	Chamaecyparis, yellows 2963	Puccinia 7257 Pythium 7256
2270	chestnuts, Cryphonectria parasitica 982	1 yeneum 1230

China cont.	Chloroneb	Chlorothalonil cont.
Pyricularia oryzae 337	control, Rhizoctonia solani, cotton 2051	control cont.  Ustilaginoidea virens, rice 4107
rice yellow dwarf virus 4085	fungicide tolerance, Phytophthora nico-	Vaccinium, storage decay 3450,
Xanthomonas campestris pv. oryzae	tianae var. parasitica 3153	6655
826, 4120, 6531 rubber, Botryodiplodia theobromae	Chloropicrin control	degradation, soil 3178 fungicide residues
2253	Pseudomonas solanacearum,	carnations 3328
satsumas, satsuma dwarf virus 3311	tobacco 1463	coffee 6544
Siphonostegia chinensis, Cronartium flaccidum f.sp. siphonostegium	strawberries, diseases 4263  Verticillium dahliae 7811	crops 1732 groundwater 5776
2294	strawberries 4262	soil 5776
Smilax, Puccinia oedospora 1861	soil treatment 1001, 1629, 3602, 4379,	Vaccinium 5776
soyabeans, Cercospora sojina 6060	8240 Chloroscypha chamaecyparidis	water 1153
Taiwania flousiana, Fusicoccum 2280 tomatoes, Verticillium dahliae 3230	Chamaecyparis obtusa 4479	soil treatment 2418 Chlorpyrifos
Ulmus pumila, Ceratocystis ulmi 5941	trees 4433	control
Umbelliferae, Puccinia 7258	Chlorothalonil activity	Corticium rolfsii, groundnuts 8224
watermelons, diseases 4509 wheat	Acremonium lolii	groundnuts, diseases 1617 Chlortetracycline, seed treatment, sorghum
Drechslera triticicola 765	Lolium perenne 872	5628
Gibberella zeae 4824, 7506	Poa pratensis 872	Choanephora
Puccinia striiformis 5568-5569 wheat spindle streak mosaic virus	Aspergillus flavus 195 Glomerella cingulata 4156	Psophocarpus scandens 3654 Psophocarpus tetragonolobus 3654
3997	Magnaporthe poae, Poa pratensis	Choline, activity, Gibberella zeae 1820
Zanthoxylum bungeanum, diseases 997	6604	Chondrostereum purpureum
China aster (see Callistephus chinensis) Chinese cabbages	mycorrhizas, Leucaena leucocephala 7119	Prunus serotina 5216, 8336 trees 8052
Alternaria, integrated control 4484	Mycosphaerella berkeleyi 6890	Christiansenia pallida, hyperparasitism,
diseases	Mycosphaerella caryigena 3562	Phanerochaete cremea 7266
control 6422 environmental factors 1035	Ustilago striiformis, Poa pratensis 6604	Chrondrilla juncea, Puccinia chondrillina,
Malaysia 6422	control	biological control 6135 Chroogomphus helveticus subsp. tatrensis,
Erysiphe cruciferarum, integrated con-	Alternaria solani	Picea abies, mycorrhizas 108
trol 4484 mosaic	potatoes 6731 tomatoes 508	Chroogomphus rutilus, pines, mycorrhizas
epidemiology 4496	Amphobotrys ricini, Euphorbia	108 Chrysanthemum B carlavirus
vectors 4496	pulcherrima 861	chrysanthemums 6577
viruses 4496 Peronospora parasitica	Ascochyta lentis, lentils 8282 Ascochyta rabiei, Cicer arietinum	proteins 3910
environmental factors 2979	5189	serology 3910 Chrysanthemum chlorotic mottle viroid,
resistance 1581	Botrytis cinerea	chrysanthemums 372
spore germination 2979 Taiwan 1581	cucumbers 7399 tomatoes 7399	Chrysanthemum stunt viroid, chrysanthe-
Plasmodiophora brassicae	Botrytis elliptica, Lilium 6568,	mums 372-373 Chrysanthemums
boron 1580	6586-6587	chrysanthemum B carlavirus, immu-
calcium 1579 control 6000	Cercospora apii, celery 4508	nodiagnosis 6577
host parasite relationships 1579-	Cercospora asparagi, asparagus 3674	chrysanthemum chlorotic mottle viroid,
1580	Cercospora nicotianae, tobacco	interactions 372 chrysanthemum stunt viroid
inoculum density 1579-1580	4356	environmental factors 373
Kyushu 6000 pH 1579-1580	Cercospora psidii, guavas 4274 Cladosporium allii-cepae, onions	interactions 372
spore germination 5992	3034	Erwinia chrysanthemi interactions 372
spores 5992 survival 5992	Colletotrichum musae, bananas 443 Diplocarpon rosae, roses 7726	susceptibility 372
temperature 6000	Elsinoë fawcettii, mandarins 5676	phloem necrosis
seedborne fungi	Exobasidium vexans, tea 3528	microscopy 854 mycoplasma-like organisms 854
control 2980 pathogenicity 2980	Fusarium solani, aubergines 2418	Phytophthora cryptogea, detection 364
turnip mosaic potyvirus, Japan 5963	Glomerella cingulata coffee 833	potato spindle tuber viroid, interactions
Verticillium dahliae	yams 8322	372 Puccinia horiana
control 8141	Isariopsis indica var. zizyphi, Ziziphus mauritiana 2820	control 857
forecasting 8153 models 8153	Leptosphaeria nodorum, wheat	Germany 857, 3221
Chinese gooseberries (see Kiwifruits)	6464	Oregon 4178 quarantine 3221
Chinomethionat, control, Erysiphe	lettuces, storage decay 4586  Mc crophomina phaseolina, Phaseo-	symptoms 857
cichoracearum, Trichosanthes dioica 5149	lus vulgaris 6050	Rhizoctonia solani
Chives	Monilinia oxycocci, Vaccinium	biological control 856 integrated control 7700
garlic latent virus, detection 2397 Glomerella cingulata, varietal reactions	4968  Moniliophthora roreri, cocoa 272,	Taiwan 7700
6920	727	Septoria chrysanthemella
chlamydomyces palmarum, yams 4614	Mycosphaerella berkeleyi, ground-	control 5708 India 5708
Chloramphenicol activity	nuts 6888, 6890  Mycosphaerella graminicola, wheat	varietal reactions 855
Aspergillus niger 3791	6463-6464	Septoria obesa, phototropism 4914
Phytophthora nicotianae var.	Phoma andina var. crystal-	slow decline
parasitica 3153 control, Xanthomonas campestris,	liniformis, tomatoes 8020 Phyllosticta acanthopanacis,	aetiology 371 cytology 371
Brassica 1582	Kalopanax pictus 2277	symptoms 852
hlorbromuron, activity, barley 1317	Plasmodiophora brassicae, Chinese	temperature 852
Chlorine, control, apples, postharvest decay 6622	cabbages 6000  Pseudoperonospora cubensis	tomato spotted wilt virus susceptibility 5707, 6576
Chloris gayana	Luffa acutangula 2343	varietal reactions 5707
Glomus fasciculatum	melons 6850	vectors 6576
mycorrhizas inoculum 5353	Puccinia arachidis, groundnuts 6888	viroids, Brazil 1384 yellows
phosphorus 5353	Rhizoctonia solani, Euphorbia	Italy 853
chloris striate mosaic geminivirus, nucleo-	pulcherrima 860, 4180	mycoplasma-like organisms 853
tide sequences 2537	Septoria apiicola, celery 6836	transmission 853

Chrysomyxa pirolata	Cicer arietinum cont.	Citrus cont.
Picea glauca 5112	mycorrhizas cont.	citrus psorosis virus
Picea mariana 5112	pesticides 155	Argentina 4122
Chrysomyxa rhododendri, Rhododendron	phosphorus 4714	host range 7656
7723	plant density 4714	indexing 828
Cicadulina anestae, transmission, maize streak geminivirus 1336	Phytophthora megasperma f.sp.	India 7654
Cicadulina mbila	medicaginis infection 5190	transmission 4122
transmission	varietal reactions 5190	citrus ringspot virus, characteristics 5667
maize, viruses 5609	root rots, screening 8280	citrus tatter leaf virus, immu-
maize streak geminivirus 1336	Sclerotinia sclerotiorum	nodiagnosis 4124
Cicer arietinum	induced resistance 3027	citrus tristeza closterovirus
Alternaria alternata biochemistry 6098	plant extracts 3027	California 5665
environmental factors 4577	Scopulariopsis brevicaulis, Rajasthan 634	control 2672
epidemiology 4577	seed treatment	Cyprus 1373 eradication 5665
India 4577	nitrogen fixation 2385	Florida 4900
Maharashtra 2387	seed germination 6852	immunization 7660
Rajasthan 8276	storage decay, seeds 2383, 6091	isolates 4123, 4900
resistance 6098	tobacco streak ilarvirus	RNA 4123
varietal reactions 8276 Ascochyta rabiei	epidemiology 3616	Spain 4123
breeding 1081, 3025, 4571, 6906	pathotypes 3616 seeds 3616	varietal reactions 2035 water stress 4900
control 5189	Washington 3616	Colletotrichum
environmental factors 3658	Verticillium dahliae, Italy 3026	Andhra Pradesh 6535
enzymes 2388, 5191, 8258-8259	viruses, Turkey 2354	control 6535
Himachal Pradesh 2386	Xanthomonas campestris	Corticium salmonicolor
host parasite relationships 2388	control 2389	India 2563
induced mutations 1081	seeds 2389	isolates 2563
Italy 4571 pathogenesis-related proteins 2388	Cichorium intybus (see Chicory)	Cryptosporiopsis citri Pacific Islands 345
phytoalexins 5191, 8258-8259	Cidex, control, Fusarium oxysporum f.sp.	taxonomy 345
Syria 3658, 5189	narcissi, Narcissus 7717 Cimicifuga simplex, Urocystis carcinodes,	damping off, China 5670
varietal reactions 1087, 2386, 4582,	Japan 4746	decline, assessment 4899
5189, 8258-8260, 8272	Cinnamomum camphora	Deuterophoma tracheiphila
bean yellow mosaic potyvirus, varietal	Exobasidium sawadae	breeding 5671-5672
reactions 6083	China 6370	Greece 5672
Botrytis cinerea	taxonomy 6370	Italy 5364
control 8267 environmental factors 3656, 8261	Cinnamomum tamala, plant extracts,	temperature 5673 toxins 5671
India 6910	antifungal activity 1612	translocation 5673
Nepal 3656	Cinnamomum zeylanicum, Glomerella cingulata, Karnataka 935	Diaporthe citri, control 4126
pathotypes 6910	Cirsium arvense	Diplodia
seeds 8267	bacteria, biological control 3058	Andhra Pradesh 6535
sowing date 6085	fungi, biological control 3058	control 6535
spore germination 8261	Puccinia punctiformis	diseases
strains 8261 varietal reactions 6085-6086	biological control 2428, 4616	Arab countries 719 assessment 4899
chickpea distortion mosaic virus	environmental factors 1113	control 2562, 7651-7652
characteristics 6082	spore germination 2428	India 7651-7652, 7658
varietal reactions 6083	volatile compounds 4616  Puccinia suaveolens	Nigeria 2562
cucumber mosaic cucumovirus, varietal	biological control 648	Elsinoë fawcettii
reactions 6083	insects 648	biochemistry 7668
diseases	RSFSR 648	control 5676
books 8252 breeding 1082, 4573	Citranges, mycorrhizas, growth 1182	fungicide residues, USA 4121 Fusarium
California 2380	Citrons	Andhra Pradesh 6535
Tunisia 4573	Aspergillus niger, control 3791	control 6535
Fusarium	citrus exocortis viroid, induced resis- tance 1372	Indian Punjab 7653
breeding 4572	viroids	Manipur 7662
Spain 4572	elimination 2673	Fusarium solani, control 7669
Fusarium oxysporum, India 4576	separation 2673	Geotrichum candidum control 3312
Fusarium oxysporum f.sp. ciceris antagonists 8273-8274	Citrullus lanatus (see Watermelons)	predisposition 2676
competitive ability 8270	Citrumelos	storage 2676, 3312
control 2384	Xanthomonas campestris pv. citri	Gloeosporium limetticola
histopathology 8269	population dynamics 6539	Andhra Pradesh 7666
Italy 6912	strains 6539  Xanthomonas campestris pv. citrumelo	biochemistry 7667
Maharashtra 6099	population dynamics 6539	control 7666
mycorrhizas 3140	strains 6539	Manipur 7662 postharvest decay 7667
races 8269 rhizosphere fungi 8275	Citrus	Glomerella cingulata
screening 8280	Alternaria, taxonomy 3886	biochemistry 7661
Spain 8283	Alternaria alternata, Israel 3313	calyx 4139
varietal reactions 3140, 6099, 8269,	Ashbya gossypii	control 5675
8283	Cuba 5669 vectors 5669	Florida 4139-4140
Fusarium solani	blastomania	Manipur 7662
host parasite relationships 6092 phytoalexins 6092	India 5663	storage 5675 transmission 4140
Macrophomina phaseolina	mycoplasma-like organisms 5663	Glomus citricola, mycorrhizas, calcius
control 8271	blight, immunodiagnosis 4901	1767
fertilizers 6088	Botryodiplodia theobromae	Glomus fasciculatum, mycorrhizas,
India 4576	control 4127	Indian Punjab 7125
soil 6088	pathotypes 5120	Glomus intraradices, mycorrhizas, ga
mycoplasma-like organisms, detection	postharvest decay 4127 citrus exocortis viroid	exchange 4706 Glomus mosseae, mycorrhizas, root-
6905	control 2672	stocks 7128
mycorrhizas diseases 3140	induced resistance 1372	greening
genotypes 4714	seeds 5668	control 6534
growth 678, 4714	citrus infectious variegation ilarvirus,	Malaysia 829
India 131	control 2672	Taiwan 6534

Citrus cont.	Citrus cont.	Citrus psorosis virus, citrus 828, 4122,
greening cont. transmission 829, 6534	Rhizoctonia, Indian Punjab 7653 Rhizoctonia solani, control 2675	7654, 7656 Citrus ringspot virus, citrus 5667
Hypoxylon deustum, Mexico 5679	satsuma dwarf virus	Citrus sinensis (see Oranges)
mycorrhizas	China 3311	Citrus tatter leaf virus, citrus 4124
cytokinins 1183	Turkey 7657	Citrus tristeza closterovirus
fungicides 156 growth 1182	Septoria citri Australia 5677	citrus 2672, 4123, 4900, 5665, 7658, 7660
Mycosphaerella citri	isoenzymes 5677	clementines 1373
control 4126, 4137-4138	isolates 5677	coat proteins 716
Florida 4137-4138	USA 5677	limes 2035, 4125 strains 716
Nematospora coryli Cuba 5669	Septoria depressa Australia 5677	Cladobotryum verticillatum, mushrooms
vectors 5669	isoenzymes 5677	8294
Oidium tingitaninum, control 7675	isolates 5677	Cladochytrium caespitis lawns and turf 396, 6599
Penicillium digitatum bacteria 7670	USA 5677 Spiroplasma, detection 1894	Poa pratensis 6599
California 4141	storage decay, control 2036	Cladosporium
cellulase 4902	storage disorders, control 1375	apples 4956
control 830, 1374, 3312, 4127 fungicide tolerance 4141	Syncephalastrum racemosum, biochem-	bananas 7824 barley 1972-1973
pathogenesis 4902	istry 7661 Ustulina deusta, histopathology 5678	Eucalyptus 5408
postharvest decay 830, 4127, 4902,	viroids	grapes 3476
7670 storage 1374, 2677, 3312, 4141	detection 1894	hyperparasitism, Lophodermium 1013 laboratory tests, tsibulins 57
susceptibility 7670	elimination 2673 reviews 7659	maize 5616
volatile compounds 2677	separation 2673	oats 4054
Penicillium italicum	viruses	peaches 431
California 4141 cellulase 4902	control 7655	sorghum 6511 tomatoes 2899
control 2038, 3312	detection 1894 germplasm 7655	Cladosporium allii
enzymes 3315	indexing 7660	leeks 1634-1635, 2398, 3034
fungicide tolerance 3314, 4141	South Africa 7660	onions 1634-1635 Cladosporium allii-cepae
pathogenesis 4902 postharvest decay 4902	witches' brooms	leeks 1634-1635
storage 2038, 3312, 3315, 4141	mycoplasma-like organisms 5664 Oman 5664	onions 1634-1635, 2398, 3034
Penicillium steckii	United Arab Emirates 5664	Cladosporium cladosporioides
fungicide tolerance 2039 Spain 2039	Xanthomonas campestris	carrots 6010 cauliflowers 5995
storage 2039	inoculum density 5681 pathogenicity 832	guavas 4979
Penicillium variabile	restriction fragment length polymor-	gums 1846
fungicide tolerance 2039 Spain 2039	phism 5682	hosts 7249 hyperparasitism, <i>Peronospora</i>
storage 2039	strains 832, 5682	arborescens 2167
Penicillium velutinum	varietal reactions_5681  Xanthomonas campestris pv. citri	India 7249
fungicide tolerance 2039	antagonists 7672, 7674	laboratory tests,
Spain 2039 storage 2039	antibiotics 7084	fluorophenylmaleimides 7058 mangoes 720
Phoma citri, India 2037	Florida 347 genetics 4142	sunflowers 7874
Phytophthora	host parasite relationships 347	turmeric 7887
Australia 6266 control 6266, 7663	inoculum 2678	Cladosporium cucumerinum cucumbers 2346, 6837-6838, 8160,
fungicides 4134	integrated control 7671	8173
Phytophthora citrophthora	Parana 7671 population dynamics 6539	enzymes 5380
control 4129, 7665 environmental factors 343	spread 2678	laboratory tests plant extracts 4672
host parasite relationships 4131	strains 6539	terpenoids 43
Italy 343, 5674	Xanthomonas campestris pv. citrumelo detection 831	Cladosporium herbarum
phytoalexins 4131	Florida 347	Areca catechu 5855 clovers 5723
population dynamics 343 symptoms 7665	host parasite relationships 347	control, Alternaria porri, onions 3670
Phytophthora nicotianae var. parasitica	immunofluorescence 831	fungicide tolerance 3121
control 4129, 4133, 6536	inoculum 2678 population dynamics 6539	India 5418
culture media 7664 Florida 4133	spread 2678	laboratory tests, plant extracts 3116 pears 6639
inoculation 4136	strains 6539	Cladosporium humile
irrigation 2674	Xanthomonas citri	Populus 541
Italy 5674 population dynamics 2674	detection 831 immunofluorescence 831	Populus ciliata 4417 Cladosporium oxysporum
rootstocks 344, 4128	Xylella fastidiosa	Coriandrum sativum 5823
screening 344	control 346	hosts 7249
spores 7664	Florida 346, 2679, 4143 immunodiagnosis 4143	India 5418, 7249
testing 4136 varietal reactions 4132	seasonal variation 2679	mushrooms 8293 pigeon peas 8253
Phytophthora palmivora	vectors 346	Cladosporium tenuissimum, larch 5947
control 7665	Citrus aurantifolia (see Limes)	Clavibacter
Florida 4135 symptoms 7665	Citrus aurantium (see Sour oranges) Citrus exocortis viroid	fatty acids 3085 Lolium rigidum 4926
plant extracts, antifungal agents 7226	citrons 1372	taxonomy 3085
postharvest decay	citrus 2672, 5668	Clavibacter michiganensis subsp.
control 6537 fungicide residues 6538	Gynura aurantiaca 1260-1261, 7381 tomatoes 1261, 7999-8000	insidiosus lucerne 2734
reviews 2671	Citrus infectious variegation ilarvirus, citrus	polysaccharides 3112
Pseudomonas syringae	2672	Clavibacter michiganensis subsp.
copper 6209	Citrus jambhiri (see Rough lemons)	michiganensis
ice nucleation 5680 oxidants 5680	Citrus limon (see Lemons) Citrus medica (see Citrons)	fatty acids 1677 genetic transformation 1678
Pseudomonas syringae pv. syringae,	Citrus mosaic virus, citrus 7658	identification 1677
toxins 2040	Citrus paradisi (see Grapefruits)	laboratory tests
psorosis, Argentina 5666 replant disease, reviews 2680	Citrus pennivesiculata, Phytophthora, control 4130	ozone 1571 tsibulins 57

Clavibacter michiganensis subsp. michi-	Clovers cont.	Clavare cont
ganensis cont.	diseases cont.	Clovers cont. white clover mosaic potexvirus cont.
Lycopersicon peruvianum 1478	UK 4927	Japan 5963
polysaccharides 3112	USSR 7746	Cloves
soil 1832	Erysiphe polygoni, varietal reactions	Phyllosticta
tomatoes 1478, 2913, 3232, 4384,	7752	control 932
6781-6782, 8026, 8029	fungi	fertilizers 932
Clavibacter michiganensis subsp. nebras-	roots 5722, 7749	Indonesia 932
kensis, maize 801, 3294, 4072-4073	soil temperature 7749	Pseudomonas, diagnosis 226
Clavibacter michiganensis subsp. sepedonicus	soil water content 7749 Fusarium	Sumatra disease, bacteria 2164
aubergines 2454, 2880, 3521	in vitro selection 2728, 4929	Cloxacillin, activity, Colletotrichum trun- catum, soyabeans 3014
immunodiagnosis 5259	testing 406, 5429	Cluster bean mosaic virus, Cyamopsis
potatoes 937, 956, 2454, 2880, 3521-	USSR 7753	tetragonoloba 1620
3522, 4334, 5860, 5889-5890	varietal reactions 2725, 2731	Clypeophysalospora latitans, Eucalyptus
Clavibacter michiganensis subsp. tessel-	Fusarium oxysporum, selection 2727	3558
larius, wheat 1315	Fusarium oxysporum f.sp. trifolii, vari-	CMI descriptions (see also IMI
Clavibacter tritici	etal reactions 4930	descriptions)
barley 1941	Fusarium roseum	plant pathogens 5414-5416
Phalaris minor 1941 wheat 739, 1941	pathogenicity 3363 toxins 3363	Cnicus agrycanthes, Albugo tragopogonis, India 6146
Clavibacter xyli subsp. xyli, sugarcane	Gibberella avenacea, selection 2727	Coccinia grandis
489-490, 1114, 2885-2886, 3527,	Gigaspora, mycorrhizas, interactions	diseases, India 6024
4347, 5902	3822	Fusarium
Claviceps, Fusarium, hyperparasitism 3708	Gigaspora margarita	India 6845
Claviceps africana, sorghum 7574	mycorrhizas	postharvest decay 6845
Claviceps fusiformis	root exudates 1189	Rhizoctonia solani, enzymes 5150
Aspergillus niger, antagonism 328,	spore germination 1189	Cochliobolus australiensis
7579	Glomus	Pakistan 1655
Bacillus subtilis, antagonism 328	mycorrhizas	soyabeans 1064
Fusarium oxysporum, antagonism 328 Pennisetum americanum 328, 805, 807-	growth 3821	Cochliobolus carbonum
808, 2651, 4078-4079, 4866, 5632,	interactions 3821-3822 isoflavones 6328	antagonism, Sarocladium oryzae 2666 clovers 4195
5635-5637, 7577-7579, 7581-7582	Glomus caledonium, mycorrhizas, tem-	enzymes 50
physiology 5635	perature 682	Euphorbia geniculata 2429, 6143
Trichoderma harzianum, antagonism	Glomus dimorphicum, mycorrhizas,	Leguminosae 5151
328, 7579	colonization 6326	maize 323, 1335, 1346, 3290-3291,
Trichoderma viride, antagonism 328,	Glomus fasciculatum, mycorrhizas, dis-	4069, 6506, 6527
7579	infection 171	rice 6527, 7631
Claviceps oryzae-sativae (see Ustilagi-	Kabatiella caulivora	Cochliobolus cynodontis, CMI description
noidea virens)	breeding 7748	5416
Claviceps panicoidearum, Isachne globosa 878	screening 7750 varietal reactions 7750	Cochliobolus eragrostidis
Claviceps purpurea	Western Australia 7750	CMI descriptions 5416 rice 5648
rye 7547	Leptosphaerulina trifolii	Cochliobolus geniculatus, cereals 7427
Spartina anglica 7743	characteristics 3362	Cochliobolus hawaiiensis
wheat 7502	epidemiology 3361	weeds 5579
Claviceps sorghi	isolates 3362	wheat 307, 5579
Cenchrus ciliaris 803	models 3361	Withania somnifera 3965
Cenchrus setigerus 803	mycorrhizas, heavy metals 133	Cochliobolus heterostrophus
sorghum 803-804, 1354-1355, 3296,	peanut stunt cucumovirus, breeding	China 1840
6509	2726 Phytophthora	Costus speciosus 7894
Claytonia perfoliata, beet western yellows luteovirus, serology 2320	Australia 6266	enzymes 50 genetics 1199
Clementines, citrus tristeza closterovirus,	control 6266	maize 319, 793-794, 1338, 1341-1343,
Cyprus 1373	Phytophthora clandestina	4057, 4060, 6499, 7552, 7558
Clerodendrum, plant extracts, antifungal	control 3951	mutants 1199
agents 4682	Queensland 3951	races 1840
Clerodendrum cyrtophillum	Pseudomonas andropogonis, North	Cochliobolus lunatus
viruses	Carolina 4932	antagonism, Setosphaeria turcica 6510
inclusion bodies 3917	Pseudomonas corrugata	Cactaceae 5703
Taiwan 3917	elicitors 6606	Capsicum 5208
Clerodendrum fragrans, plant extracts, antiviral agents 6081	phytoalexins 3364  Pseudopeziza trifolii, varietal reactions	cassava 1642 cereals 7427
Clitopilus rhodotrama, antagonism,	7732	Coriandrum sativum 5823
Crinipellis perniciosa 2567	root rots, varietal reactions 7747	gums 1846
Clivia miniata, Colletotrichum trichellum,	Sclerotinia sclerotiorum	laboratory tests
Iran 1385	clipping 1399	sulfonylchalcones 6257
Clortriafol, control, Oncobasidium the-	control 1399	sulfonylcyclohexenones 6257
obromae, cocoa 2573	Sclerotinia trifoliorum	thiazolidinones 5296, 5302
Clotrimazole, activity, Aspergillus nidulans	control 888	melons 6031
1721	in vitro selection 2728	Pennisetum americanum 2015, 2653, 3300
Clover yellow vein potyvirus  Calanthe discolor 375	Lithuanian SSR 407 monoculture 4931	Piper betle 6698
Calanthe sieboldi 375	resistance 407	rice 4091
Impatiens walleriana 7715	suppressive soils 4931	soil fungistasis 202
lupins 420	seedborne fungi	sorghum 5626, 5631
nucleotide sequences 5480	Poland 5723	spore germination 7154
Clovers	seed germination 5723	sugarcane 5893
Ascochyta trifolii, varietal reactions	snow moulds	tomatoes 2244
7732	cultural methods 4780	vegetables 1021
Cercospora zebrina	susceptibility 4780	wheat 7448
host range 881	varietal reactions 4780	Cochliobolus lunatus var. aeria
North Carolina 881	Stemphylium sarciniforme, breeding 7748	grapes 5818 wheat 7498
Cochliobolus carbonum, phytoalexins 4195	Uromyces trifolii, Haryana 4196	Cochliobolus miyabeanus
diseases	Uromyces trifolii-repentis, varietal	cassava 1642
antagonists 5510	reactions 7751	laboratory tests
breeding 7746	white clover mosaic potexvirus	aryloxyhydrazines 7066
lime 1398	breeding 2120	enactins 4681
New Zealand 4928	genetics 2120	phosphazomycins 56

Cochliobolus miyabeanus cont.	Cocoa cont.	Codiaeum variegatum, viruses, Italy 7701
laboratory tests cont.	Oncobasidium theobromae	Codinaea septata, Eucalyptus 3558
phosphorothioates 4674	control 2572-2573	Coeloglossum viride, mycorrhizas, Alberta 178
phytoalexins 7152	environmental factors 2575-2576 epidemiology 2575	Coelomycetes, taxonomy 7208
plant extracts 5291 thiourea 3765	indexing 2571	Coffee
triazines 3765	Indonesia 1934, 2568-2569, 3974	Aspergillus, toxins 6543
protoplasts 5363	Sabah 2570, 2575	Aspergillus fumigatus
rice 339, 817, 2026, 3305-3307, 4090-	symptoms 1934	Africa 6555
4091, 5648, 5655-5656, 6518,	varietal reactions 2574, 2576	Brazil 6555
7586, 7601, 7612	Phellinus noxius, Solomon Islands 275	flavour 6555
Cochliobolus nodulosus	Phomopsis folliculicola, Kerala 6432	Puerto Rico 6555
Eleusine coracana 4867	Phytophthora	seeds 6555
soil 3871	environmental factors 268	diseases control 6541
Cochliobolus pallescens CMI descriptions 5416	fungicide tolerance 5518 Ghana 268	Kenya 6541
Coccinia grandis 6024	Kerala 5518	fungi, phytoalexins 4147
Coriandrum sativum 5823	Phytophthora capsici, taxonomy 270	fungicide residues, seeds 6544
maize 1991	Phytophthora meadii, Karnataka 7396	Glomerella cingulata
pomegranates 5802	Phytophthora megakarya	Angola 6550
rice 5648	biochemistry 267	control 833, 4156, 6540, 6551,
Cochliobolus penniseti, CMI descriptions	Cameroon 267	7676-7678
5416	clones 266	Kenya 833, 6540, 6550-6551, 7676
Cochliobolus sativus	Ghana 271	7678 Molowi 6550
barley 315, 721, 1981-1984, 2622,	screening 266 spread 271	Malawi 6550 strains 6550
2633, 3991, 4831, 5533, 5591, 5603, 7435, 7518, 7535	susceptibility 266-267	symptoms 4157
biology 6342	Phytophthora palmivora	varietal reactions 4157
buckwheat 4080	control 269, 3975-3976, 6433	Hemileia vastatrix
cereals 1274	environmental factors 7423-7424	biological control 2047
culture 1204	genetics 265	biology 2044
oats 5533	Ghana 271	books 1377
rye 3285, 5533	Indonesia 7423	Brazil 2046
soil 1274, 1299, 7219, 7497, 7518	Papua New Guinea 3975	breeding 2049, 5683
spore germination 7220	spread 271	caffeine 4154
toxins 1962	taxonomy 270	Colombia 6548
wheat 285, 721, 1298-1299, 1961, 3991, 4818-4819, 5533, 5539,	Trinidad and Tobago 269, 6433	control 702, 1376, 2045-2046, 2681 2682, 3316, 4152, 6545, 6547
5542-5543, 5547-5549, 6449,	storage decay, Tropics 7421 Coconut cadang-cadang viroid	6548, 7677
6466, 7435, 7448, 7450-7451,	coconuts 5006, 5854	environmental factors 6547
7453, 7457, 7496-7497	oil palms 5854	enzymes 4148, 6549
Cochliobolus setariae, Calathea argentea	Coconuts	epidemiology 2044, 4153
847	Ceratocystis paradoxa	forecasting 702
Cochliobolus spicifer	environmental factors 7902	genetics 4149-4150
aubergines 1103	physiology 7411 "	genotypes 4155
Coccinia grandis 6024	susceptibility 7902	history 2050
Pakistan 1655	Cercospora apii, Andaman and	India 2046, 4155
Pennisetum americanum 2015, 2653	Nicobar Islands 1439	induced resistance 6549
plant growth regulators 5366 vegetables 1021	coconut cadang-cadang viroid Pacific Islands 5854	infection 4151 Kenya 2046, 7677
Cochliobolus tuberculatus, CMI descrip-	reviews 5006	Mexico 4153
tions 5416	crown rot	models 3316
Cochliobolus verruculosus	boron 2851	Papua New Guinea 1376, 2042,
cauliflowers 720	India 2851	6545
CMI descriptions 5416	diseases, Brazil 7898	phenolic compounds 6549
rice 5648	fungi, fruits 465	politics 2042
Cochliobolus victoriae	Ganoderma lucidum	resistance 2048, 4148-4150, 4154
oats 2434 soil 7219	control 4314	reviews 2043-2045 Sri Lanka 2050
Cocoa	environmental factors 4314 India 4314	trace elements 6546
Acaulospora walkeri, mycorrhizas,	lethal yellowing	ultrastructure 4151
Indonesia 3824	control 5853	varietal reactions 2041
Colletotrichum	mycoplasma-like organisms 5853	Vietnam 6547
isolates 7425	transmission 5853	Mycena citricolor
São Paulo 7425	Marasmiellus	biological control 6553-6554
Crinipellis perniciosa	control 464	control 6552
antagonists 2567	Solomon Islands 464	Costa Rica 6553-6554
Brazil 3972-3973	Pestalotiopsis palmarum	mycorrhizas
breeding 726	environmental factors 7903	Colombia 7127
control 7422 Ecuador 2567	Tamil Nadu 7903	growth 7127
infection 5519	varietal reactions 3493 West Bengal 3493	Penicillium, toxins 6543 Phoma costarricensis
pathotypes 726	Phytophthora	control 3317
testing 2566	fungicide tolerance 5518	Karnataka 3317
Trinidad and Tobago 726, 7422	Kerala 5518	Pseudomonas, growth 6556
Glomerella cingulata	Phytophthora palmivora	Pseudomonas cichorii, population
inoculation 3236	control 7904	dynamics 5684
susceptibility 3236	Indonesia 7904	Pseudomonas syringae
Glomus fasciculatum	yield losses 7904	control 6540, 7676
mycorrhizas	root (wilt)	Kenya 6540, 7676
growth 7118 phosphorus 7118	bibliographies 4313	Pseudomonas syringae pv. garcae, pop
Moniliophthora roreri	biochemistry 3491 crop management 3492	ulation dynamics 5684 seedborne fungi
Colombia 273	India 2183	Brazil 4146
control 272, 727	Kerala 3492, 7900	infection 4146
Costa Rica 272, 727	mycoplasma-like organisms 2183,	seedborne organisms
inoculation 274	3491, 7900	Brazil 4144
inoculum 273	sap flow 7899	flavour 4144
varietal reactions 727	transmission 2183	infection 4145
yield losses 727	Stemphylium, Oman 7901	storage decay
Nectria rigidiuscula, Kerala 6432	Cocos nucifera (see Coconuts)	beverage quality 6542

Coffee cont.	Callatatrickum lagararium (saa Callata	Comminhora winhali Dhawahiwa
storage decay cont.	Colletotrichum lagenarium (see Colleto- trichum orbiculare)	Commiphora wightii, Phoma sorghina, India 3965
Colombia 6542	Colletotrichum lindemuthianum	Composts
environmental factors 6542	cowpeas 3023, 4567	activity
Coleophoma empetri, Vaccinium 3450 Coleosporium, pines 1532	laboratory tests benzanilides 1714	crops, diseases 3971
Coleosporium asterum	enactins 4681	mushrooms, diseases 635 plant pathogens 5403
Callistephus chinensis 4173	β-lactams 3120	soil fungi 3177, 4741
pines 1539	lucerne 1400, 7756	control, Phytophthora cinnamomi, av
Coleosporium perillae, Perilla frutescens 2163, 7238	Melilotus indica 408 Phaseolus vulgaris 604, 1595-1596,	cados 5787-5788
Coleus blumei, viroids, nucleotide	4537-4538, 4540, 5161, 5509,	Conferences (see also Reports)
sequences 377	6049, 6052-6053, 6861, 6865,	Advances in the chemistry of fungicionand herbicides 5287-5289, 5298-
Coleus scutellarioides	8190-8191	5300
viroids Canada 3330	Vigna radiata 632, 6093 Colletotrichum lini, flax 355	Agricultural development research
seeds 3330	Colletotrichum musae	2548, 2907, 4184, 4271, 4490
Collembola	bananas 443, 6671, 7824	Air pollution and plant metabolism 6970, 7093
interactions	Gliocladium, antagonism 6671	Alternatives to the chemical control of
Brassica nigra, mycorrhizas 7122	Penicillium, antagonism 6671 Trichoderma, antagonism 6671	weeds 3058-3062, 3065
Panicum virgatum, mycorrhizas 7122	Colletotrichum orbiculare	American Chemical Society 4631
Colletotrichum	cucumbers 1044, 1047, 2346, 5147,	American Phytopathological Society 657, 1660, 3070, 3072, 6151-613
bananas 4978	6020, 6838, 8173, 8177	Anthurium blight 1659, 2065-2085
cocoa 7425	laboratory tests phosphazomycins 56	Antinutritional factors in legume seed
coffee 4145 Cornus officinalis 4311	surfactants 191	4541
forest trees 2922	watermelons 1589, 4509, 6029	Applications of biotechnology in for- estry and horticulture 1745
fruit trees 423	Xanthium 653	Arkansas State Horticultural Society
laboratory tests, plant extracts 264	Xanthium spinosum 652, 1645, 2427 Colletotrichum trichellum, Clivia miniata	4491
limes 6535 lucerne 5728	1385	ASEAN technical seminar on grain
mutants 6375	Colletotrichum trifolii, lucerne 5724,	postharvest technology 7551
pawpaws 2922	6611-6613	Asian conference on technology for rural development 423
Piper betle 1436	Colletotrichum truncatum appressoria 3855	Association of Applied Biologists 395
Piper methysticum 2177 strawberries 7814	cowpeas 3023, 3651, 6898	Association pour l'Étude Taxonomiqu
taxonomy 6375, 7290	culture media 3068	de la Flore d'Afrique Tropicale
vegetative compatibility groups 6375	environmental factors 3855	2504 Atmospheric sciences and application
Colletotrichum acutatum	Penicillium, antagonism 6898 Pestalotiopsis, antagonism 6898	to air quality 8113
Anemone 2694	Phoma, antagonism 6898	Australian Society of Sugarcane Tech
Anemone coronaria 6571-6572 pines 6802	Psophocarpus tetragonolobus 633	nologists 2885-2886
strawberries 3454-3455	Sesbania exaltata 1652, 3068, 6139,	Bacterial wilt of groundnut 7016, 822
Colletotrichum capsici	6944, 8328 soyabeans 615, 3014	Beltwide Cotton Production Conferen
Capsicum 2411, 4602, 5208	sporulation 3068	2051
cotton 7689 pawpaws 5799	Vigna mungo 3000	Bioactive compounds from plants 696
Piper betle 2168-2169, 5828, 7861	Colocasia esculenta	6969 Biodeterioration 7 583
tomatoes 2244	Botryodiplodia theobromae ascorbic acid 8120	Biological control of plant diseases
turmeric 5849, 7883	phenolic compounds 8120	6172-6175, 6357, 6387
Colletotrichum cereale, ryc 3285 Colletotrichum coccodes	Ceratocystis fimbriata, Cuba 8320	Biotechnology of fungi for improving
Capsicum 4603	Colletotrichum curcumae, India 5844 diseases	plant growth 6964, 6981-6984, 7107-7108, 7134, 7303, 7409,
potatoes 473, 937, 3518	Hawaii 2425	8335
Colletotrichum corchori, Bacillus megater-	Pacific Islands 6940	Brazilian Phytopathological Society
ium, antagonism 6290 Colletotrichum crassipes, Leucaena	reviews 1643, 2425	7703
leucocephala 6796	tissue culture 6940  Phytophthora colocasiae, enzymes	Brighton Crop Protection Conference. Pests and Diseases 4, 41-42, 47-
Colletotrichum curcumae	5213	48, 54, 60, 226-228, 237, 279-28
soil 7892	Pythium myriotylum	283-284, 305, 339, 397, 431, 45
turmeric 5844, 5849, 7883, 7892-7893, 7897	epidemiology 3057	473, 497, 575, 602, 607, 635-630
Colletotrichum dematium	Japan 3057 seed treatment 3057	826, 6155, 6163-6165, 6215, 6226-6240, 6252-6253, 6256,
Capsicum 4604, 6119-6120	Colombia	6258, 6265-6277, 6284, 6354,
Euphorbia khandalensis 7711	Aphyllophorales 5409	6356, 6380, 6397, 6425, 6427,
groundnuts 1067 laboratory tests, compatibility 5399	cassava	6433, 6437-6439, 6445-6447, 6451, 6457, 6459-6461, 6463-
Panax notoginseng 4310, 5005	cassava X virus 8317 diseases 4608	6464, 6467, 6469, 6480-6482,
soyabeans 5174, 8212	Centrosema, Cylindrocladium	6484-6485, 6564, 6574, 6578,
Vigna radiata 632, 6093	colhounii 889	6599, 6646, 6663-6664, 6670,
Colletotrichum dematium f.sp. spinaciae, spinach 1573	Centrosema macrocarpum, soybean	6673, 6701, 6724, 6726-6728, 6732, 6824, 6830, 6834, 6843,
Colletotrichum gloeosporioides (see	mosaic potyvirus 422 cocoa, Moniliophthora roreri 273	6871, 6873, 6885, 6919, 7081,
Glomerella cingulata)	coffee	7530
Colletotrichum gloeosporioides f.sp. aes-	Hemileia vastatrix 2049, 6548	Canadian Phytopathological Society
chynomene, Aeschynomene virginica 7763	mycorrhizas 7127	3072, 6151 CEC/IOBC/EPPO international joins
Colletotrichum gloeosporioides f.sp.	storage decay 6542 pesticides, usage 1142	conference 1657, 1925, 2628,
malvae	potatoes	2966
Malva pusilla 4619-4620, 5227	Verticillium albo-atrum 7932	CORESTA symposium 6747
preservation 1890	Verticillium dahliae 7932	Crop protection in organic and low input agriculture 3689, 3971,
Colletotrichum gloeosporioides f.sp. manihotis, cassava 1108	rice, <i>Pseudomonas glumae</i> 2670 savannas, mycorrhizas 175	3977, 3992, 4017, 4484
Colletotrichum graminicola	sugarcane, diseases 1114	Disease complexes 5513, 5768, 5782
conidia 7193	Columnea latent viroid, nucleotide	Disease-hazards and prospects of
gene expression 7193	sequences 245	container-grown plants 6159 Diseases of avocados 5785-5789
maize 319, 800, 1993, 2642, 5621 sorghum 1354, 1357, 3295, 7567, 7569	Commelina yellow mottle virus, nucleotide sequences 5484	Eastern Regional Ground Water Issue
Colletatrichum indicum cotton 7680	Comminhera mycorrhizas Somalia 2504	1733

Conferences cont.

Ecology of plant-associated microorga-nisms 1666

Effects of atmospheric pollutants on the spruce-fir forests of the eastern United States and the Federal

Republic of Germany 4438 Environmental aspects of applied biology 8057, 8088, 8114

Epidemiology and plant disease management 702, 724, 741, 944
EUCARPIA VIIth meeting on capsicum and eggplant 3038-3042, 3044, 3048-3049, 3051, 5203-5207

European Symposium on Mycorrhizae 68-84, 87-106, 109-118

Exploitation of microorganisms in applied biology 6168-6170, 6313-6314, 6324, 6386, 6404-6405, 6434, 6945

Florida State Horticultural Society Florida State Horticultural Society 4121, 4126-4127, 4133-4134, 4137-4141, 4143, 4374, 4379, 4508, 4586-4587, 4900 Fruit tree research 2771, 6318 Fusarium wilt of banana 3161-3162, 3188, 3459-3470, 3603

Gene manipulation in plant improve-ment 3907-3908, 4096

Genetics of fruit cultivar immunity to diseases 6955

German plant protection conference 6950

Grain legume production using induced mutations 886, 1048-1049, 1059, 1061, 1063-1064, 1070, 1079-1083 Grapevine disease management 2438, 2825-2832, 2836-2837, 2841-2842

Groundnut virus diseases in Africa

Grupo Paulista de Fitopatologia 6158 Guidelines and labels defining integrated fruit production in Euro-pean countries 4629

Importance and perspectives on herbi-cide-resistant weeds 6133-6134

In vitro culture and horticultural breeding 7397, 7779, 7784, 7796, 7921, 7937, 8009, 8061, 8161

Indian Mycological Society 1119, 3114 Indian Phytopathological Society 3695, 6160, 6429

Indian Society of Mycology and Plant Pathology 5234, 6952, 6971

Indian Society of Plant Pathologists 6951, 6967

Integrated control in oilseed rape 2977 Integrated control in viticulture 5230 Integrated crop protection -from principles to practical implementation 2628, 2966

Integrated pest management 6291 Integrated protection in pear orchards 2773-2774

International Citrus Congress 343 International Cocoa Research 266-274, 727, 2567

International colloquium on plant nutrition — physiology and applications 675, 1771

International Conference on Plant Pathogenic Bacteria 2439-2440 International conference on soil solari-

zation 6953 International Congress of Plant Pathology, Japan 2585

International Congress of Soil Science 3113, 3177-3178, 3274

International Institute for Sugar Beet Research winter congress 4487-4488

International IUPAC symposium on mycotoxins and phytotoxins 7173, 7418, 7440, 7509, 7742, 8104-8105, 8174, 8302

International Mycological Congress 4630, 6963, 6994, 7208, 7290-

International peach symposium 6642-6644, 6647, 6649-6651, 7798

Conferences cont.

International Protea Research Symposium 2086, 2097, 2103

International scientific colloquium on coffee 4144-4155, 6542-6543, 6546-6548, 6555

International Symposium on Adjuvants for Agrochemicals 26, 31-32, 1710, 2353

International symposium on agricul-tural ecology and environment

4741
International Symposium on Crop Protection 3692, 3738, 3745-3748, 3755, 3787, 3861, 3911, 3920, 3958, 3960, 3984, 3995, 4001, 4011, 4026-4027, 4037, 4041, 4053, 4156, 4159, 4169, 4174, 4190, 4205, 4260-4261, 4288-4289, 4298, 4304, 4308, 4316, 4411, 4521, 4527, 4528, 4539, 4558-4559, 4585, 4594, 4648, 4766, 4783, 4791, 4922, 4958, 5023, 5125-5126, 5194
International symposium on flower

International symposium on flower bulbs 4170, 6565-6572, 6581-6585, 6587-6589, 6594-6596

International symposium on fruit tree national symposium on fruit tree virus diseases 2443, 2544, 2555, 2741-2746, 2755, 2790-2793, 2798-2800, 2818, 3196-3197, 3204-3208, 3331, 3372-3373, 3375, 3389-3393, 3432, 3434-3445, 3448-3449

International Symposium on pear growing 4217-4218, 4236, 4238-4239, 4250

International symposium on postharvest handling of fruits and vegetables 6537-6538, 6621, 6679, 6694,

International symposium on Rubus and Ribes 6652-6654, 6656-6662, 6668

International Symposium on Soil Disinfestation 3693, 3759, 3788-3789, 3835, 3862-3869, 3962-3964, 4161, 4175, 4182, 4206-4207, 4262, 4364-4365, 4372, 4380-4381, 4483, 4486, 4514, 4589, 4591, 4600

International Symposium on Vaccinium Culture 2134-2135, 2138-2142

International symposium on virus diseases of ornamental plants 232-236, 251, 357-360, 366-368, 371-376, 378-379, 381-384, 386-387, 389, 391-393, 420, 646, 707, 717, 843-845, 849, 852-854, 863-864, 866-867

International Workshop on Fireblight 2435, 2455-2460, 2696, 2717, 2747-2753, 2762-2769, 2777, 2779-2781, 3071, 3086, 3088-3102, 3104-3105, 3333-3334, 3344-3346, 3376-3387, 3400-3411, 3413-3429, 3722-3727, 4179, 4185, 4209-4216, 4230-4232, 4242-4249, 4941 pears 2778

International Workshop on Terrestrial Field Testing of Pesticides 3736 Interrelationships between microorga-

nisms and plants in soil 1658, 1664, 1739, 1747-1748, 1750, 1760-1761, 1775-1781, 1790, 1938, 2063, 2089, 2126-2127, 2209, 2213, 2325, 2348-2349, 2358

Les arbres fixateurs d'azote 1165-1166, 1175-1176

Liquid chromatography/mass spectrometry, applications in agricultural, pharmaceutical and environmental chemistry 6249

Market Garden Development and Man-agement Oyo State/DFRRI Pro-gramme 1927

Mechanisms of plant perception and response to environmental stimuli 6338, 6606, 6804

Conferences cont.

Mechanisms of the relationship between soil plant microorganisms in the rhizosphere 5313, 5317-5323, 5338-5345, 5356, 5510, 5580, 5697, 5910, 5931, 5967, 6026, 6066

Methodological aspects of the study of pesticide behaviour in soil 6216,

6244-6246

Mexican Society of Phytopathology 5513, 5768, 5782, 5785-5789 Modern techniques in soil ecology 5334 Movement of pests and control strate-gies 6149, 6295-6297, 6545, 6671, 6718, 6785, 6911

Mutations and disease resistance 1895, 1932, 1968, 2031

Mycorrhizal mediation of plant response to atmospheric change 7109-7111, 7135-7137

National Conference on Mycorrhiza 64, 66-67, 85-86, 130-132, 134-166, 550, 679

National meeting of the American Chemical Society 1701, 6249 National Rice Conference, Serdang, Malaysia 2655

National seminar on tree protection 3690

National Symposium on Mining 7095 National Symposium on Mining 7093 National symposium on phytobacteriology 6998, 7000, 7023-7025, 7031-7032, 7080, 7089, 7419-7420, 7637-7639, 7641-7646, 7690-7692, 7829, 7833, 7865-7866, 7938, 7942, 8195, 8287, 8314

NATO/CCMS International Technical Meeting on Air Pollution Model-

ing and its Application 2
New directions in biological control
4632-4634, 5214-5215, 5236-5237,
6150, 6178-6187, 6203, 6289,
6359, 6394, 6413-6414, 6788

North American Alfalfa Improvement 409, 411-419, 883

North American conference on mycor-rhizae 7109-7111, 7135-7137 Pacific Regional Wood Anatomy Con-

ference 2527

Pakistan Society of Sugar Technologists 484

Pathogen testing in seed potato certifi-cation and its legal implications 5235, 5858-5861, 5889

Pesticide formulations and application systems 6954, 7045-7046 Pesticide movement through soil 5274 Pesticide residues in food 6250

Pesticides in soils and water: current perspectives 5233

Pests, pathogens and plant communities 660, 6976-6980, 7517, 7743, 8039, 8049, 8289, 8333-8334

Philippine Phytopathological Society 3300

Phosphonic (phosphorous) acid work-shop 3697, 3767-3773, 3834, 3904, 3951, 3975-3976, 4251-4252, 4266, 4286, 4383

Phytopathological Society of Israel 6159

Phytopathological Society of Japan 3694, 3718, 3913, 4087, 4219, 6957-6962

Plant protection and vertebrate conservation 5231

Plant Protection Society of the Republic of China 3696

Plant reproduction 1341

Plantation crops 3231, 3236, 3316-3317, 3483-3484, 3486, 3491-3492, 3494, 3523-3524, 3528

Present status and future prospects of chickpea crop production and improvement in the Mediterranean countries 4571-4573

Probing bioactive mechanisms 4631, 6255

C	6 **	
Conferences cont.  Prospects and problems of Kinnow cul-	Coniferae cont.  decline cont.	Copper hydroxide
tivation 7651-7653	Canada 8046	Sclerotinia trifoliorum, lucerne 416
Quebec Society for the Protection of	chlorosis 563	Xanthomonas campestris pv. pruni
Plants 1661 Rational pesticide use 33-34, 225	diseases	Prunus laurocerasus 7721
Raymond Vanbreuseghem, Belgium	biological control 550 mycorrhizas 550	Copper oxide, control, Moniliophthora roreri, cocoa 727
2444	seeds 4432	Copper oxychloride
Recent Results in Plant Virology 2541-	Fusarium	activity
2543, 2545-2547, 2637, 2640, 2855-2856, 2923, 2925, 2971,	containers 4434	Alternaria alternata 7983
2999	control 1001, 4434 nurseries 1001	Glomerella cingulata 4156 Phytophthora colocasiae 5290
Regional wheat workshop 1942-1943,	USA 1001, 4434	Pythium aphanidermatum 1148
1945, 1955 Remote sensing in oran protection	Laccaria, mycorrhizas, diseases 550	Rhizoctonia solani 5061
Remote sensing in crop protection 1885-1886	Potebniamyces conferarum, bibliogra-	Xanthomonas campestris pv. gly- cines, soyabeans 616
Research and development conference	phies 1527 Pythium	control
on vegetables, the market and the	control 1001	Alternaria brassicae
producer 4373, 4599 Root and stem base rots 4172	nurseries 1001	Cruciferae 5988
São Paulo Phytopathology Congress	USA 1001	Indian mustard 6002  Alternaria solani
7867	Rhizina undulata, Canada 8085 Wilcoxina mikolae, mycorrhizas 2488	potatoes 6731, 7933
Scandinavian Plant Protection Confer-	wood destroying fungi, China 551	tomatoes 508
ence 3691 Sciences et industries du bois 1168,	Coniophora puteana, amino acids 5370	Botryodiplodia theobromae, pears
1186, 1506	Coniothyrium, roses 6590	5766  Botrytis cinerea, asparagus 5202
Society of Irish Plant Pathologists	Coniothyrium minitans control	Cercospora apii, celery 4508
2436-2437, 2441-2442	Sclerotinia sclerotiorum	Cladosporium humile, Populus
Soil solarization 7228-7231, 7417, 7913, 8008, 8017, 8201, 8301	celery 4485	ciliata 4417
South African Society for Plant Pathol-	lettuces 4485	Corynespora cassiicola, Ceiba pen- tandra 4425
ogy 6157	hyperparasitism, Sclerotinia scleroti-	Elsinoë fawcettii, mandarins 5676
Southern African Maize Breeding	orum 2509, 4931 soil 3876	Erwinia amylovora
Symposium 1996, 3286 Taking taro into the 1990s 2425	spore germination 2509	apples 3376
Taxonomy of fungi imperfecti 6963,	Coniothyrium olivaceum, tomatoes 5924	Cotoneaster salicifolius var. floccosus 3088
7208, 7290-7293	Coniothyrium phyllachorae, maize 5613	Exobasidium vexans, tea 3529
The African cassava mosaic disease	Coniothyrium sporulosum, hyperparasitism, Rhizoctonia solani 692	grapes, diseases 47
and its control 3682  The future of cereals for human feed-	Controlled atmosphere storage	hops, diseases 47 Mycosphaerella berkeleyi, ground-
ing and development of biotechno-	activity	nuts 38
logical research 1267, 1280	apples, storage disorders 903	Phomopsis vexans, aubergines 1639
The palm -tree of life, biology, utiliza-	nectarines, storage decay 2794	Stemphylium vesicarium, onions
tion and conservation 4704 Tomato and pepper production in the	pears, storage disorders 906 tomatoes, <i>Pseudomonas marginalis</i>	6924 Xanthomonas campestris pv.
tropics 5232, 5914, 5917, 5927-	2250	campestris, cabbages 8154
5930, 6120, 6123-6124	control, Botrytis cinerea, roses 3347	Xanthomonas campestris pv.
Toxicology of pesticides — present and	Convolvulus arvensis	cucurbitae, cucumbers 8176
future — national and interna- tional views 7037-7040, 7078	Cercospora convolvuli, India 208 Phoma	Xanthomonas campestris pv. oryzae, rice 7642
Trees for development in Sub-Saharan	biological control 4617	Xanthomonas campestris pv. pruni
Africa 3795, 3802-3806	Greece 4617	2796
Turkish national conference of ento-	Phoma proboscis, taxonomy 5219	Xanthomonas campestris pv. vesi- catoria 6125
mology 4283 Use and misuse of pesticides in devel-	Phomopsis convolvulus biological control 1112	Xanthomonas campestris pv.
oping countries 1117, 1140-1143	environmental factors 1112	vignicola, cowpeas 3653
Viral genes and plant pathogenesis	Septoria	fungicide tolerance, Aspergillus niger
7308, 7326, 7338-7341, 7345-	biological control 4617	1615
7346, 7384-7390, 7975-7976 Virus diseases of Gramineae in Europe	Greece 4617	Copper oxyquinolate, control, Tilletia
6156, 7444, 7513-7514, 7537,	Copper activity	laevis, wheat 4011
7730-7731, 7740	Cochliobolus sativus, barley 2633	Copper sulfate
Watershed 89 4677-4680 Weed problems in Mediterranean cli-	mycorrhizal fungi 99	control  Annona squamosa, postharvest
mates 4090, 4617	Pseudomonas syringae 20, 1690	decay 6684
Western Forest Nursery Associations	control  Alternaria solani, tomatoes 508	Ganoderma lucidum, coconuts 4314
4434 Wanda alama and alamainla and annial	Erwinia amylovora	Taphrina deformans, peaches 5770
Woody plant root physiology, growth, and development 4684	apples 4233	Xanthomonas campestris pv. pruni, Prunus laurocerasus 7721
Workshop of Mesoamerican Experts in	pears 3418	Coprinus jamaicensis, antagonism,
Integrated Pest Management of	Glomerella cingulata, coffee 833, 6540, 6551, 7676	Crinipellis perniciosa 2567
Vegetables 4482	lettuces, storage decay 4586	Coprinus psychromorbidus apples 725, 5757
Workshop on forest health in the South Pacific 7085, 7167, 8030-8036,	Mycosphaerella citri, grapefruits	lucerne 725
8044-8045, 8048, 8055-8056,	4137-4138	pears 725
8065-8066, 8070, 8092, 8095-8096	Mycosphaerella pini, pines 8095 Phytophthora palmivora, cocoa	Poa pratensis 725
Wplyw suszy lat 1982-1984 na drzewa 979	6433	Wheat 725, 1311 Cordyline australis, sudden decline, New
Yield losses due to the continuous cul-	plant diseases 3123	Zealand 2275
tivation of major economic crops	Pseudomonas syringae, coffee 6540,	Coriandrum sativum
3227	7676 deficiency, wheat 6472	carrot red leaf luteovirus, Tamil Nadu
Coniella diplodiella, grapes 4292 Coniella musaiaensis var. hibisci, Rumex	phytotoxicity, grapefruits 4134	7854 Fusarium
acetosa 3966	tolerance	seeds 7198
Coniferae	Pseudomonas syringae 2706, 6209	toxins 7198
Agrobacterium, British Columbia 5946	Xanthomonas campestris pv. vesi- catoria 2910, 6210	Fusarium oxysporum f.sp. cumini, sus- ceptibility 453
Armillaria ostoyae environmental factors 3569	Copper fungicides	Glomerella cingulata
susceptibility 3569	control, Mycosphaerella pini, pines	control 2165
decline	4448	physiology 452
bibliographies 8046	residues, soil 1152	susceptibility 4989

Coriandrum sativum cont.	Cortinarius	Cotton cont.
Glomerella cingulata cont.	taxonomy 5315	Corticium rolfsii
vitamins 6697	trees, mycorrhizas 5315	bolls 5693
Protomyces macrosporus	Cortinarius cf. saturninus, Alnus	Tamil Nadu 5693
biochemistry 7857 enzymes 7856	tenuifolia, mycorrhizas 1757 Corydalis sempervirens, fusicoccin, activity	cotton leaf curl virus, Sudan 4159 damping off, seed treatment 2053
inoculum 7855	7189	diseases
respiration 7856	Corylus avellana	China 7679
Pseudomonas syringae, California 1435	Aspergillus flavus	control 835, 2684, 4158, 4903, 65
storage decay	toxins 1521	India 4158
biochemistry 5823	Turkey 1521	insects 4904
seeds 5823	Cryptosporiopsis tarraconensis, Spain 6797	integrated control 7679 Louisiana 4904
Coriolus versicolor Betula papyrifera 532	fungi	planting date 6558
enzymes 186, 2310	storage 1521	reviews 4158
Fagus sylvatica 1506	Turkey 1521	USA 2684
olives 6687	Corynespora arctespora, Vaccinium	yield losses 4904
Populus deltoides 2267	corymbosum 3451	Fusarium
Quercus 2265	Corynespora cassiicola	breeding 2683
Cornus	Ceiba pentandra 4425	China 7680
Botryodiplodia theobromae Alabama 7705	cowpeas 3023 cucumbers 2998	seed treatment 2051 Uzbek SSR 2683
environmental factors 7705	hosts 7249	Fusarium oxysporum, breeding 4905
Cylindrocladium crotalariae, pathoge-	India 5418, 7249	Fusarium oxysporum f.sp. vasinfectu
nicity 2090	rubber 2219, 4336, 4339, 7944, 7946-	Alabama 5686, 6561
Cornus alternifolia	7947	environmental factors 7681
Cryptodiaporthe corni	sesame 4999	fertilizers 836
taxonomy 8081	Costa Rica	herbicides 2054, 4161
USA 8081	Centrosema, Cylindrocladium	host parasite relationships 3465,
Cornus florida, Discula, Alabama 4429	colhounii 889	6560
Cornus kousa Discula	cocoa, Moniliophthora roreri 272, 727 coffee, Mycena citricolor 6553-6554	mycorrhizas 6559 phenolic compounds 1378
irrigation 994	potatoes, viruses 5862	resistance 6560
Massachusetts 994	Quercus costaricensis, Acaulospora	root exudates 2054
Cornus officinalis, Colletotrichum,	splendida 3138	sowing date 7681
Shaanxi 4311	tomatoes	varietal reactions 1378, 5686, 656
Coronopus squantitus, plant extracts,	diseases 5921	Fusarium pallidoroseum, India 720
antibacterial agents 6199	tomato golden mosaic geminivirus	Gibberella fujikuroi, damage 348
Corticiaceae, evolution 7267	5918	Glomerella gossypii, biological contro
Corticium rolfsii apples 2761	Costus speciosus, Cochliobolus heteros- trophus, toxins 7894	5685 Glomus intraradices, mycorrhizas, di
barley 786-787	Cotoneaster	eases 6559
buckwheat 4080	Erwinia amylovora	Glomus mosseae, mycorrhizas, diseas
Capsicum 2413	breeding 3333	6559
cassava 1642	eradication 3334	Macrophomina phaseolina
chicory 6934	Netherlands 2777	biological control 1830
Colocasia esculenta 2425	Norway 3334	environmental factors 1830
cotton 2053, 5693	Venturia inaequalis f.sp. cotoneasteris,	mycorrhizas
cucumbers 4514 flax 2060	control 6624 Cotoneaster dammeri, Erwinia amylovora,	growth 5350 inoculation 5327
forest trees 2916	control 3378	ozone, varietal reactions 2691
groundnuts 621, 1074, 1076, 1614,	Cotoneaster salicifolius var. floccosus,	Phymatotrichopsis omnivora
1617, 1656, 4562-4563, 4785,	Erwinia amylovora, control 3088	environmental factors 2688
6892, 8224	Cotton	epidemiology 2688
Hibiscus cannabinus 2061	Alternaria, environmental factors 838	sclerotia 2688
hosts 1655	Alternaria alternata, Zimbabwe 7688	varietal reactions 1380
India 5417  Iris 6569	Alternaria macrospora air spora 5690	Puccinia striiformis
laboratory tests	biochemistry 5691	China 5569 genetics 5569
cyproconazole 3126	control 351	Pythium ultimum, seed treatment 20
isoflavones 3149	environmental factors 5692, 6562	Ramularia gossypii
phosphorothioates 4674	India 5690	breeding 3318
plant extracts 5292	Israel 2052	Tamil Nadu 3318
plant oils 7226	Karnataka 5692	varietal reactions 3318
lentils 6097	spore dispersal 6562	Rhizoctonia solani
Lilium 6569 mustard 5999	susceptibility 7687 toxins 7687	biological control 3173, 4785, 568
peas 4530	varietal reactions 2052	control 2057 herbicides 2058
Phaseolus vulgaris 2362, 3173, 8192	Zimbabwe 7688	seed treatment 2051
pigeon peas 1624	Aspergillus flavus	seedborne fungi
Piper betle 1436, 3485	Arizona 4162	environmental factors 4160
pomegranates 5802	damage 348	Indian Punjab 4160
proteins 6373	enzymes 2689, 3319	Trichoderma harzianum
rubber 7944	harvesting date 4162	colonization 1931
sclerotia 3851, 5376 soil 310, 3173, 3485, 4207, 4514	phytoalexins 5694 seeds 2690	strains 1931
soyabeans 3016-3017, 4549-4550, 6881	toxins 2690, 4162	Verticillium breeding 2683
sugarbeet 5975	bacteria, endophytes 840	China 7680
sunflowers 5839, 5841, 6702-6703	boll rot, control 6557	plant density 2686
taxonomy 6373	Botryodiplodia theobromae	Uzbek SSR 2683
temperature 5376	symptoms 839	varietal reactions 350
tobacco 497, 1458	Tamil Nadu 839	Verticillium dahliae
tomatoes 4382, 4385	carbendazim, translocation 834	breeding 5688
turmeric 7887	Colletotrichum capsici	control 837
wheat 310-311 Corticium salmonicolor	morphology 7689 pathogenicity 7689	gossypol 2056 host parasite relationships 7685
apples 2563, 5745	taxonomy 7689	irradiation 7684
limes 2563	Colletotrichum indicum	isoenzymes 4906
pears 2563	morphology 7689	Israel 2052
Corticium solani (see Thanatephorus	pathogenicity 7689	lipids 2055
CHCHMORIC	10 V 00 000 V 76 V 0	luminaccance 7/0

_		
Cotton cont.	Cowpeas cont.	Cremanthodium discoideum
Verticillium dahliae cont.	cowpea mottle virus	Puccinia cremanthodii
phenolic compounds 349	Ivory Coast 4565	Qinghai 1857
physiology 1379 phytoalexins 2687, 7684-7685	transmission 4565	taxonomy 1857
potassium 5687	cucumber mosaic cucumovirus mixed infections 5185	Cresylic acid, soil treatment 5314
roots 2055	Nigeria 5185	Criconemella xenoplax, interactions, Pseudomonas syringae pv. syringae,
rotations 7686	varietal reactions 5185	peaches 432
selection 7682	yield losses 5185	Crinipellis perniciosa
soil solarization 7231	diseases	Clitopilus rhodotrama, antagonism
Spain 7231	breeding 4566	2567
toxins 1814	California 8249	cocoa 726, 2566-2567, 3972-3973,
Uzbek SSR 7686	Ghana 3023	5519, 7422
varietal reactions 2052, 5687, 5689,	India 7405	Coprinus jamaicensis, antagonism 2567
7683	reviews 7405	Hohenbuehelia barbatula, antagonism
virulence 4906	varietal reactions 3021, 3023	2567
Zimbabwe 7682 wilt	Zambia 3021	Mycena theobromicola, antagonism
India 353	Erysiphe polygoni, screening 1078	2567
physiology 353	fungi, phyllosphere 8242 fungicides, nitrogen fixation 2377	Nodulisporium gregarium, antagonism 2567
testing 2685	Fusarium oxysporum	Xylaria, antagonism 2567
Xanthomonas campestris pv.	resistance 8245	Crocus
malvacearum	varietal reactions 8245	bean yellow mosaic potyvirus
Australia 1381	Fusarium solani	characteristics 7702
breeding 5695	growth 3022	serology 7702
control 352, 842, 4907, 7691	Nematoda 3022	Crocus sativus (see Saffron)
host parasite relationships 4908,	photosynthesis 3022	Cronartium coleosporioides, pines 1539,
6563	Glomus fasciculatum, mycorrhizas,	2287
physiology 5696	Nematoda 129	Cronartium comandrae, pines 1539, 5098
races 841, 1381, 7691	Glomus versiforme, mycorrhizas,	Cronartium flaccidum
seeds 4907	Nematoda 129	Phtheirospermum japonicum 2295
toxins 7692 ultrastructure 3320	Macrophomina phaseolina	pines 1541, 2295
varietal reactions 841, 5696	biological control 630 control 8246	Vincetoxicum hirundinaria 6803
yield losses 7690	mycorrhizas, growth 143	Cronartium flaccidum f.sp. siphonostegium pines 2294
Cotton leaf curl virus, cotton 4159	Mycosphaerella cruenta	Siphonostegia chinensis 2294
Coumarins	seeds 8262	Cronartium fusiforme, pines 1531, 1544-
activity	spore germination 8262	1546, 1548-1549, 2289-2290, 5093,
Aspergillus parasiticus 1147	Uttar Pradesh 8262	8103
Fusarium 1147	peanut stunt cucumovirus	Cronartium quercuum
plant pathogens 7057	Sudan 2376	pines 4446
Courgettes (see Marrows)	yield losses 2376	Quercus 2265
Cowpea aphid-borne breaking virus, cow-	Phytophthora vignae, Sri Lanka 3650	spore germination 2508
peas 8243	Rhizoctonia solani	teliospores 2508
Cowpea (aphid-borne) mosaic potyvirus	enzymes 6854	Cronartium quercuum f.sp. banksianae,
cowpeas 3021, 5185	Nematoda 628-629, 4568, 8247	pines 5095
grain legumes 2354	nutrients 8247	Cronartium ribicola
Cowpea chlorotic mottle bromovirus	seed treatment 629	black currants 437, 4258, 4452
coat proteins 6410 cowpeas 6897	seed treatment, seed germination 6852	Pedicularis resupinata 4452 pines 556, 1005-1006, 1009, 1011,
infection 6410	seedborne fungi control 2378, 8248	4452, 5955
molecular genetics 7340	India 595	Crop losses
Cowpea mild mottle carlavirus, groundnuts	southern bean mosaic sobemovirus,	Abelmoschus esculentus 3053
1611, 6886	physiology 627	Aleurites fordii 3565
Cowpea mosaic comovirus	storage decay	Aleurites montana 999
Coleoptera 3212	control 2355	asparagus 3674, 5200
cowpeas 5186	Orissa 8244	assessment 5444
Crotalaria juncea 3321	seeds 2355	aubergines 2419
electrophoresis 3212	Uromyces appendiculatus	barley 1272, 1325, 1975, 3280, 3993,
gene expression 1909	elicitors 5188	4047, 4831, 5600, 7521, 7532
nucleotide sequences 5187	host parasite relationships 5188	Bromus catharticus 4193
Cowpea mottle virus, cowpeas 4565	races 5188	cassava 8318 cauliflowers 3594, 8134
Cowpeas Aspergillus nidulans	viruses seeds 1591	cereals 728, 1938, 5522
environmental factors 3652	transmission 1591	cocoa 727
seeds 3652	Turkey 2354	coconuts 7904
Aspergillus terreus	Xanthomonas campestris pv. vignicola	cotton 4904, 7690
environmental factors 3652	control 3653	cowpeas 2376, 3024, 5185, 6899, 8250
seeds 3652	Karnataka 8250	crops 3950, 5501
bacteria, phyllosphere 8242	sowing date 3024	Cuminum cyminum 4301
Colletotrichum lindemuthianum	varietal reactions 6899, 8250	Cyamopsis tetragonoloba 1620
assessment 4567	yield losses 3024, 6899, 8250	Eleusine coracana 5643, 7584
susceptibility 6052	Crambe, erysimum latent tymovirus, hosts	faba beans 1601
varietal reactions 4567	7392	fodder beet 5736
Colletotrichum truncatum	Cranberries (see Vaccinium)	Gomphrena globosa 5710
antagonists 6898	Crataegus	grapes 930, 6692 grasslands 1392
economics of control 3651	Erwinia amylovora	groundnuts 3643, 4559, 6888, 8235
integrated control 3651 cowpea aphid-borne breaking virus	breeding 2696 France 3383	larch 4442
characteristics 8243	legislation 3383	lucerne 884, 5733
China 8243	Netherlands 2696, 2777	Luffa acutangula 2343
cowpea (aphid-borne) mosaic potyvirus	Crataegus monogyna	lupins 7758
mixed infections 5185	Erwinia amylovora	maize 2005, 3294, 4850, 4854, 4860,
Nigeria 5185	biological control 3104	5613, 7549
varietal reactions 5185	epidemiology 3105	Medicago polymorpha var. brevispina
yield losses 5185	infection 3105	6615
cowpea chlorotic mottle bromovirus,	ultrastructure 4179	mulberries 3456
electron microscopy 6897	Crataeva religiosa, Cercosporella	mustard 2331
cowpea mosaic comovirus	crataevae, West Bengal 1850	oats 2636, 4052 onions 3672, 8299
infectivity 5186 molecular genetics 5186	Cratoxylon, Asteridiella cratoxylonicola, China 1844	Papaver somniferum 7859
molecular genetics 2100	Cililla 1077	- upart. Johnsjerani 1007

ron losses cont	Cropping systems cont.	Cruciferae cont.
rop losses cont. peas 6038, 6858	control, Sclerotinia trifoliorum, clovers	Erwinia carotovora subsp. carotovora,
Pelargonium 2713	4931	control 1583
Pennisetum americanum 5633, 5637	Crops	Leptosphaeria maculans, pathogenicity
Phaseolus vulgaris 1057, 8192, 8195	acid rain, China 4784	1032
Picea mariana 5112	diseases	plant extracts, antifungal agents 5344
pines 2287, 4446, 5103	Asia 1926	Plasmodiophora brassicae, biological
potatoes 478, 941, 1448, 2204, 2206,	Belgium 6214	control 8146
2864, 2869, 3512, 3515, 5867	Belize 6430	turnip mosaic potyvirus
rape 2331	breeding 1267-1268, 2560, 2597,	hosts 5138
rice 2016, 2655, 3301, 3305, 4882,	4755, 4781	Japan 5138
4891-4892, 5646, 6531, 7595,	reviews 5502	strains 5138
7613, 7620, 7622, 7626, 7632	California 1266 Canada 5238, 5241	Xanthomonas campestris pv. campestris
Ricinus communis 2171 rubber 7950	Caribbean 1735	culture media 6006
rye 5606	conferences 6956	isolation 6006
sorghum 2007, 2010, 7566	control 1266, 2561, 3227, 3702,	seeds 6006
soyabeans 3636, 4549, 6068	5504, 6214, 7406	Crumenulopsis sororia, pines 5104
sugarbeet 1022, 2322, 5129	cropping systems 3227	Crumenulopsis sororia var. meridionale,
sugarcane 2224, 2884, 3527, 5032,	Denmark 5504	pines 1540
5900, 7958	Finland 2561	Cryphomandra betacea (see Tamarillos)
sunflowers 2176	genetics 2559	Cryphonectria parasitica
sweet potatoes 1644	genotype mixtures 4781	Acer rubrum 8060
tobacco 4359	Germany 1268	chestnuts 534, 982, 1507-1509, 2260-
tomatoes 2909, 4366, 5918, 7996, 8020	reviews 5502	2261, 3556, 5938-5940, 6788,
Vaccinium 2142	Greece 3952	8049, 8060
vegetables 2311	host parasite relationships 2559	hypovirulence 8058-8059
Vigna mungo 4570	inoculation 2560	nucleotide sequences 5391, 8058
Vigna radiata 6080	nomenclature 3073	plasmids 3157
wheat 296, 754-755, 763, 1272, 1278,	Oceania 1926	Quercus coccinea 2927
1296, 1298, 1309-1310, 1951,	quarantine 1735	Quercus rubra 8060
3246, 3274, 3277, 3993, 4022,	remote sensing 5431	RNA 8059
4803, 5541, 5548, 5567, 5589,	resistance 4778	viruses, virulence 1918
6470	reviews 5502	Cryptocline cinerescens, Quercus 2265
ropping systems	reviews 3952	Cryptococcus fagisuga, interactions, Nec-
activity	seeds 7406	tria coccinea, Fagus sylvatica 981
Alternaria solani, potatoes 954	Somalia 4777	Cryptococcus laurentii, control, Botrytis
Aspergillus flavus, soyabeans 6879	tissue culture 4755	cinerea, apples 3399
barley, diseases 1274, 5526, 7437	USSR 3702, 6956	Cryptodiaporthe corni, Cornus alternifoli
cassava, diseases 4608	yield losses, reviews 3950, 5501	8081
cereals, diseases 3992, 7426	Fusarium	Cryptodiaporthe hystrix, Acer macrophyl
Cochliobolus sativus	biological control 1655	lum 8053
soil 7497	control 1655	Cryptodiaporthe populea, Populus 991,
wheat 7497	reviews 3224	5078, 8075
Corticium rolfsii, groundnuts 1617	Tropics 3224	Cryptomeria japonica decline
crops, diseases 3227	Macrophomina phaseolina	Japan 2305-2306
Fusarium	biological control 1655	soil pH 2305
maize 7553	control 1655	fungi
Medicago 309 soil 309	growth 7191 isolates 7191	Japan 2281
wheat 309		seeds 2281
Fusarium oxysporum f.sp. narcissi,	mycoplasma-like organisms 234 mycorrhizas	plant extracts, antiviral properties 319
Narcissus 6589	growth 5337	Cryptomycocolax abnorme
Gaeumannomyces graminis, cereals	Maharashtra 148	hyperparasitism 7284
3273	reviews 3228, 7134	taxonomy 7284
Gaeumannomyces graminis var.	Saudi Arabia 1177	Cryptosphaeria lignyota, Populus
tritici	soil types 5337	tremuloides 5075
soil 308, 5580	pesticide residues, analysis 7042	Cryptosporiopsis abietina, Picea abies
wheat 308, 4024-4025, 4821,	Rhizoctonia solani	5111
5580	biological control 1655	Cryptosporiopsis citri, citrus 345
Gibberella zeae, wheat 774	control 1655	Cryptosporiopsis tarraconensis, Corylus
Macrophomina phaseolina 693	seedborne bacteria, Turkey 3232	avellana 6797
Magnaporthe salvinii, rice 4102	seedborne fungi	Cryptostegia grandiflora
maize, mycorrhizas 5332	India 1736	Maravalia crytostegiae
mycorrhizal fungi, soil 1179	quarantine 1736	biological control 6140
Mycosphaerella arachidis, ground-	seedborne organisms	Queensland 6140
nuts 4558	India 3131	Cryptotaenia japonica
Mycosphaerella berkeleyi, ground-	quarantine 3131	mycoplasma-like organisms
nuts 4558	viroids 234	temperature 2401
Mycosphaerella graminicola, wheat	viruses 234	transmission 2401
4017	Bangladesh 7325	Crytococcus luteolus, control, Alternaria
Phytophthora capsici, Capsicum	breeding 706	porri, onions 3670
3046-3047	Germany 2543	Cuba
Pseudomonas solanacearum	serology 7325	Caesalpinia violacea, Xanthomonas
aubergines 7419	Taiwan 3917	campestris 1524
tobacco 5912 tomatoes 7419	varietal reactions 2543	citrus
	Yemen Arab Republic 3225	Ashbya gossypii 5669
Pyrenophora tritici-repentis, wheat 764	witches' brooms India 1265	Nematospora coryli 5669 Colocasia esculenta, Ceratocystis fim-
Rhizoctonia solani		briata 8320
groundnuts 1617	mycoplasma-like organisms 1265 Crotalaria	cucumbers, Pseudoperonospora cuben
potatoes 6732	Stenella crotalariicola	sis 8162
soil 6732	taxonomy 7253	fungicides, nontarget effects 3776
Trichoderma, maize 7553	Uttar Pradesh 7253	pines
Verticillium dahliae	Crotalaria juncea, cowpea mosaic	Coleosporium 1532
cotton 7686	comovirus, photosynthesis 3321	Lophodermium australe 1533
soil 7686	Croton yellow vein mosaic virus, India 7332	Mycosphaerella dearnessii 1533
wheat	Crown gall (see Agrobacterium	Pestalotia 1533
bacteria 1314	tumefaciens)	Cucumber green mottle mosaic tobamoviru
diseases 1274, 5526, 5540, 5544,	Cruciferae	cucumbers 3,199
5547, 7437	Alternaria brassicae, control 5988	Cucumis 1039

ucumber green mottle mosaic tobamovirus	Cucumbers cont.	Cucumbers cont.
cont. melons 1039, 1895, 6841	Colletotrichum orbiculare cont. ultraviolet radiation 2346	Pseudoperonospora cubensis cont.
Momordica charantia 8159	varietal reactions 2346	Iraq 691 resistance 4517
nucleotide sequences 5489	Corticium rolfsii, control 4514	Romania 3606
ucumber mosaic cucumovirus 2923	Corynespora cassiicola	Shanghai 3608
artichokes 4596	control 2998	USSR 6022
Asclepias syriaca 8327	Italy 2998	USSR Far East 2992
bananas 2814	cucumber green mottle mosaic	varietal reactions 2992, 6021-6022
buckwheat 4080	tobamovirus, plant extracts 3199	8162-8163
Buddleja davidii 2697	cucumber mosaic cucumovirus	Pythium
Capsicum 1096-1097, 2404-2405, 3038-3042, 3233, 4601, 6117, 6936-	growth stages 6015 inoculum 580	control 2997 tillage 2997
6939, 8309-8310	serology 6015	Pythium aphanidermatum
Cicer arietinum 6083	spectroscopy 2538	control 6848
coat proteins 259	strains 2547	resistance 6844
cowpeas 5185	symptoms 3203	temperature 6848
crops 3203	varietal reactions 580, 6015	tissue culture 6844
cucumbers 580, 2538, 6012-6013, 6015, 6838	damping off	transmission 3614
Cucurbita 6013	Mexico 3179 soil 3179	Pythium spinosum control 6848
Cucurbitaceae 3233, 4510, 5145, 7362	Didymella bryoniae	temperature 6848
Eustoma grandiflorum 2703	environmental factors 587, 3615	Pythium ultimum
evolution 7368	induced resistance 1044	control 6026
Gentiana 4916	leaf age 587	mycorrhizas 6026
Gladiolus 381-382, 2094, 6580	spore germination 3615	soil suppression 8167
grain legumes 2354	diseases	Rhizoctonia
hosts 2547 Hyoscyamus niger 4988	breeding 6012, 6837	control 2997
immunodiagnosis 1908, 2540, 7378	enzymes 3954, 4783 ethylene 4783	tillage 2997  Rhizoctonia solani, biological control
lettuces 2390, 5195	induced resistance 4783, 6838	6355
Limonium 7391	Moldavian SSR 6012	Sclerotinia sclerotiorum, control 3953
lupins 5734, 7758	pathogenesis-related proteins 4782	Sphaerotheca fuliginea
maize 1988	USSR 6837	biological control 1045
marrows 3607	varietal reactions 6013	breeding 5146
melons 1037, 2339, 6018-6019	Erwinia persicinus, taxonomy 1685	control 3612, 3958, 3971, 4516,
Mentha spicata 4302 molecular genetics 7388	Erysiphe cichoracearum	6843, 7412 Czechoslovakia 4517
nucleotide sequences 249, 259, 7368	breeding 5146 control 691, 6273	host parasite relationships 4515
peas 4524	Iraq 691	Nematoda 582
Petunia hybrida 2714	fungicide residues 7074	plant extracts 3958
Phaseolus vulgaris 3623	Fusarium	resistance 3960, 4517
Phlox 2715	antagonists 2349	silicon 3611, 4515
Psophocarpus tetragonolobus 8255	India 6845	soil amendments 3971
radishes 5963	postharvest decay 6845	storage decay, yield losses 2311 Ulocladium cucurbitae
Rauvolfia serpentina 4988 RNA 247, 7351-7352	Fusarium oxysporum, control 5148	California 8166
Sambucus nigra 2923	Fusarium oxysporum f.sp. cucumerinum	New York 1046
satellite RNA 249, 254, 3211	biological control 6023	Xanthomonas campestris pv.
serology 3914, 5459	colonization 8165	cucurbitae
Solanaceae 7362	ecology 1587	Bihar 8176
Solanum 7917	induced resistance 8175	control 8176
spinach 1259, 4491, 5978	mutants 1587	varietal reactions 8176
squashes 581 strains 1908	nutrients 8165 seeds 8175	zucchini yellow mosaic potyvirus induced resistance 2988
sweet potatoes 4611	selection 8161	Saudia Arabia 6839
tobacco 495, 1259, 1456, 2233-2234,	Glomus, mycorrhizas, plant pathogens	Taiwan 2988
2887-2888, 3534, 5046, 6745,	6026	transmission 6839
7979	Glomus fasciculatum, mycorrhizas,	Zygorrhynchus moelleri, growth 4786
tomatoes 967, 1469-1471, 2242, 3233,	carbon 168	Cucumis, cucumber green mottle mosaic
3535, 3540, 4371, 5915, 5920,	Leveillula taurica	tobamovirus, screening 1039
6766 USSR 3914	culture 3969 infection 3969	Cucumis melo (see Melons) Cucumis melo var. momordica, storage
Vigna unguiculata subsp. sesquipedalis	Penicillium, varietal reactions 6025	decay, Rajasthan 8169
6903	Penicillium oxalicum	Cucumis sativus (see Cucumbers)
watermelons 2342	control 4513	Cucurbita, diseases, varietal reactions 601
weeds 382	environmental factors 4513	Cucurbita ficifolia, cucumber mosaic
Cucumbers	identification 2351	cucumovirus, strains 2547
Acremonium, control 4514 Alternaria alternata, New York 1046	UK 4513	Cucurbita maxima (see Squashes) Cucurbita pepo (see Marrows; Pumpkins)
bacteria, breeding 6014	Phoma multirostrata, taxonomy 3194 Phomopsis sclerotioides, biological con-	Cucurbitaceae
Botrytis cinerea	trol 2348, 3964	cucumber mosaic cucumovirus
control 3953, 7399	Phytophthora capsici, control 6278	Bangladesh 7362
environmental factors 2994	Phytophthora melonis, control 5148	Bermuda 3233
Israel 7399	Pseudomonas syringae pv. lachrymans	New York 3233
varietal reactions 6025	breeding 591	satellite RNA 3233
Cladosporium cucumerinum	integrated control 3606	serology 3233, 7362
biochemistry 8160 inoculation 8173	Romania 3606 seeds 3232	Didymella bryoniae, India 7239 diseases
testing 8173	Turkey 3232	India 7405
ultraviolet radiation 2346	Pseudomonas syringae pv. syringae,	reviews 7405
varietal reactions 2346	hypersensitivity 8177	Erysiphe graminis, fungicide tolerance
Colletotrichum orbiculare	Pseudoperonospora cubensis	2990
enzymes 5147	Austria 2995	lettuce infectious yellows virus
ethylene 1047	breeding 4512, 5146, 6014, 6022	symptoms 2968 USA 2968
host parasite relationships 1047 induced resistance 1044, 5147,	control 691, 2995, 6278 Cuba 8162	Phytophthora capsici
6020, 8177	Czechoslovakia 4517	isolates 3585
inoculation 8173	environmental factors 3608	North Carolina 3585
insects 6020	inoculation 584	Pseudoperonospora cubensis, culture
testing 8173	integrated control 3606	8170

Cuminum cyminum cont. Cyamopsis tetragonoloba cont. Cucurbitaceae cont. storage decay, New Zealand 585 Erysiphe polygoni cont. Guiarat 4301 sunn-hemp rosette virus trichosanthes mottle potyvirus characteristics 4511 enzymes 6081 yield losses 4301 induced resistance 6081 plant extracts 6081 Japan 4511 Fusarium oxysporum f.sp. cumini morphology 5824 mycorrhizas 7858 viruses viruses Hawaii 5145 induced resistance 2382 immunodiagnosis 6842 pathogenicity 5824 plant extracts 2382 Louisiana 4510 ploughing 4990 Xanthomonas campestris pv Mexico 6016 toxins 453 cyamopsidis seeds 5193 mixed infections 5513 varietal reactions 453, 4991 survival 5193 mycorrhizas, plant diseases 7858 testing 6842 plant oils, antifungal agents 7052 Cunninghamia lanceolata Xanthomonas campestris pv. tetragonoloba watermelon mosaic I potyvirus characteristics 4511 Japan 4511 biochemistry 8286 Rhizoctonia solani biological control 1003, 2304, 2939 zucchini yellow mosaic potyvirus varietal reactions 8286 induced resistance 2988 Taiwan 2988 Cyanoguanide, control, beet mosaic China 2304 potyvirus, sugarbeet 3588 Cuprammonium, control, Erwinia Cultural methods Cycas circinalis amylovora, pears 3376 Glomus fasciculatum, mycorrhizas, activity Cupravit Forte, control, Mycosphaerella apples, mycoplasma-like organisms
3392 plant age 1791 pini, pines 1542 Glomus mosseae, mycorrhizas, plant Cupressaceae age 1791 barley, snow moulds 4780 Seiridium unicorne Cycas revoluta, plant extracts, antifungal agents 2020 clovers, snow moulds 4780 Kansas 2937 Cochliobolus sativus Texas 2937 soil 1299 Cyclamen Seridium cardinale Chile 1568 diseases, control 2700 wheat 1299 Fusarium oxysporum, biological control 3959 coconuts, root (wilt) 3492 susceptibility 1568 Erysiphe graminis, wheat 4816 Cupressus sempervirens
Botryodiplodia theobromae
Israel 5120 Fusarium oxysporum f.sp. cyclaminis epidemiology 859 Gaeumannomyces graminis var. tritici nutrient solutions 859 rye 731 pathotypes 5120 wheat 731 mycoplasma-like organisms, Italy 3332 Pestalotiopsis funerea Israel 5119 Moniliophthora roreri, cocoa 727 Cyclaneusma minus, pines 6802, 6805 mycorrhizas, pines 63
Mycosphaerella graminicola, wheat Cyclobalanopsis stenophylloides Turkey 569 Bagcheea taiwanensis Seiridium cardinale 3267 Taiwan 7264 toxins 8116 Phytophthora palmivora, Piper nigrum 2847 taxonomy 7264 Cyclobalanopsis velutina Turkey 569 Seiridium cupressi, toxins 8116 Meliola cyclobalanopsina var. globopodia China 1845 pines, root rots 4445 Seiridium unicorne, toxins 8116 Plasmopara halstedii, sunflowers Cupric hydroxide 456 control taxonomy 1845 Pseudocercosporella Cycloheximide, activity, Mycosphaerella caryigena 3562 herpotrichoides Diaporthe citri, grapefruits 4126 Monilinia oxycocci, Vaccinium 2141 wheat 732 Cyclosorus, Cercospora cyclosori, India Mycosphaerella citri, grapefruits 1848 Pseudomonas syringae pv. glycinea, 4126 Cydia molesta, interactions, Monilinia, quinces 2130 soyabeans 455 Curcuma longa (see Turmeric) rice black-streaked dwarf fijivirus, Curcurhitaceae Cydonia oblonga (see Quinces) rice 5646 Erysiphe cichoracearum Cylindrocarpon destructans, pines 5428 wheat, snow moulds 4780 resistance 2993 Cylindrocarpon heteronema opines 2507 USSR Far East 2993 Botrytis cinerea, grapes 3479 Sphaerotheca fuliginea resistance 2993 Cercospora asparagi, asparagus tobacco 4354 3674 Cylindrocarpon lichenicola, spore USSR Far East 2993 cereals, diseases 3977 germination 7154 Curtobacterium Colletotrichum, limes 6535 Cylindrocarpon tokinensis, bananas 4978 fatty acids 3085 crops, diseases 3953 Cylindrocladium, Picea glauca 4466 taxonomy 3085 Diplodia, limes 6535 Cylindrocladium camelliae Curtobacterium flaccumfaciens pv. Erwinia amylovora, pears 2752 Fusarium, limes 6535 Eucalyptus 8068 poinsettiae laboratory tests, fungicides 8068 Cylindrocladium colhounii Euphorbia pulcherrima 6579 Fusarium oxysporum, cucumbers laboratory tests, naphthoquinone 7205 Annona reticulata 4280 5148 Curvularia Centrosema 889 Gaeumannomyces graminis var. tritici, wheat 6467 laboratory tests, plant extracts 264 lawns and turf 1394 Cylindrocladium crotalariae Camellia oleifera 2090 Phytophthora melonis, cucumbers sorghum 1354 Camellia sasangua 2090 5148 Curvularia affinis, rice 5648 Cornus 2090 Verticillium dahliae, potatoes 5880 Curvularia andropogonis, Cymbopogon Ginkgo biloba 2090 Culture collection catalogues, Taiwan 6991 nardus 462 Culture collections groundnuts 3645, 3647 Curvularia bannonii, Jacquemontia tamnifolia 3340 bacteria, Spain 2447 lucerne 883 Cylindrocladium floridanum databases Europe 3890 USA 3891 Curvularia clavata, oil palms 3495 Eucalyptus 8068 Curvularia cymbopogonis, Pennisetum americanum 3300 laboratory tests, fungicides 8068 fungi Netherlands 2446 Cylindrocladium parvum Curvularia fallax, metabolites 4737 Eucalyptus 8068 Curvularia inaequalis, Pennisetum amerilaboratory tests, fungicides 8068 Cylindrocladium scoparium clovers 4928, 7749 mycorrhizal fungi, USA 1739 canum 3300 standards 4637 Curvularia indica, Cactaceae 5703 laboratory tests, disinfection 3861 Curvularia ovoidea, Cactaceae 5703 Cuminum cyminum Curvularia prasadii, Cactaceae 5703 Chaetomium globosum Nothofagus procera 8086 Andhra Pradesh 5822 seeds 5822 pines 8086 Curvularia senegalensis, India 5418 Cuscuta chinensis, transmission, Rhododendron 3748 mycoplasma-like organisms 7697 Chaetomium mororum Andhra Pradesh 5822 roses 6590 Custard apples (see Annona reticulata) Cylindrocladium spathiphylli, Spathiphylseeds 5822 Cyamopsis tetragonoloba lum 3351 Chaetomium trilaterale Andhra Pradesh 5822 seeds 5822 cluster bean mosaic virus, yield losses Cymadothea trifolii, clovers 4927 1620 Cymbidium green-sterile disease South Africa 6904 cymbidium mosaic potexvirus Erysiphe polygoni control 4301, 4992 immunodiagnosis 5713 mixed infections 5713 viruses 6904

rye Gaeumannomyces graminis var. tritici 731

ymbidium cont.	Cyproconazole cont.	Dahlia cont.
cymbidium mosaic potexvirus cont.	control cont.	dahlia mosaic caulimovirus cont.
symptoms 5713	Oncobasidium theobromae, cocoa	USA 2091
odontoglossum ringspot tobamovirus	2572	fungi, nomenclature 5410
immunodiagnosis 387, 5713	Puccinia asparagi, asparagus 6933	Dahlia mosaic caulimovirus, Dahlia 2091
mixed infections 5713	Rhizoctonia solani, rape 5984	Dalbergia sissoo, Glomus fasciculatum,
symptoms 5713	wheat, diseases 6447	mycorrhizas, nitrogen fixation 165
Victoria 387	fungicide tolerance,	Dalbulus maidis, transmission, maize chlo
ymbidium mosaic potexvirus	Pseudocercosporella herpo-	rotic dwarf machlovirus 5611
Cymbidium 5713	trichoides 3984	Daldinia, Acer saccharum 2258
orchids 386	Cyprus	Damping off
ymbidium ringspot tombusvirus, RNA	apples, Erwinia amylovora 3376	Amaranthus hybridus 365
3937	clementines, citrus tristeza closterovirus	Capsicum 2409
ymbopogon, plant extracts, antifungal agents 5292	1373	cauliflowers 1033-1034
ymbopogon martinii var. motia	pears, Erwinia amylovora 3376 plant diseases, legislation 3129	citrus 5670
Glomus aggregatum	watermelons, Fusarium oxysporum	cotton 2053
mycorrhizas	f.sp. niveum 8168	cucumbers 3179, 6026 flax 2060
culture 3823	Cystotheca lanestris, Quercus 2265	forests 8039
growth 6325	Cytochalasins	lawns and turf 396
India 6325	activity	limes 2675
ymbopogon nardus, Curvularia andro-	Bacillus megaterium 7	peas 3621
pogonis, Philippines 462	Geotrichum candidum 7	pines 2293, 3577-3578, 8106
ymoxanil	Pseudomonas syringae 7	radishes 3179
control, Phytophthora infestans, pota-	Cytokinins, activity, Suillus variegatus 98	sesame 454
toes 947, 6727	Cytospora, Eucalyptus citriodora 984	soyabeans 3016-3017
metabolism 7062	Cytospora australiae, Eucalyptus 3558	sugarbeet 2325
soil treatment 2802	Cytospora friesii, Picea 2300	tobacco 497
ynara scolymus (see Globe artichokes)	Cytospora oleina, Olea indica 7239	Damsons, plum pox potyvirus, varietal
ynodon diseases Tueken 1304	Cytospora personata	reactions 2131
diseases, Turkey 1394	apples 3371	Daphniphyllum teysmannii
Gaeumannomyces graminis var.	Betula 2259	Pseudomonas syringae pv. daphniphyl
graminis	Cytospora rubescens, peaches 7239 Czechoslovakia	Japan 5087
growth 7734 temperature 7734	· · · · · · · · · · · · · · · · · · ·	taxonomy 5087
root rots	Acer pseudoplatanus, mycorrhizas 1790	Dapple apple viroid, detection 7765
Florida 3355	apples, mycorrhizas 1781	Dasheen mosaic potyvirus Dieffenbachia maculata 357
fungi 3355	Ascochyta 7245	Philodendron selloum 357
ynodon dactylon	barley, Puccinia hordei 7519	Dasyscyphus eriophori, Litsea 7239
Colletotrichum curcumae, India 5844	Betula pendula, mycorrhizas 113	Date palms (see Phoenix dactylifera)
Leptosphaeria korrae	carnations, viruses 368	Datura
control 873	cherries	plant extracts, antiviral agents 6508
detection 3358	dieback 3446-3447	potato X potexvirus
monoclonal antibodies 3358	Leucostoma persoonii 2797	coat proteins 7377
USA 873, 3358	Pseudomonas syringae 2797	host parasite relationships 7377
yperaceae	cucumbers, Pseudoperonospora cuben-	Datura metel
Puccinia, evolution 2109	sis 4517	Aspergillus flavus
Typhula ishikariensis	forest trees, viruses 2923	seeds 7888
biotypes 1276	Gramineae, Puccinia coronata 4189	storage 7888
Japan 1276 Uromyces, evolution 2109	grapes, mycorrhizas 1781 greenhouse crops, diseases 260	toxins 7888  Datura stramonium
yperus	Helianthemum nummularium, mycor-	Alternaria crassa
Balansia cyperi	rhizas 109	biological control 3685
ergot alkaloids 3488	melons, Pseudoperonospora cubensis	inoculum 3685
South America 3488	4517	datura yellow vein virus
yperus bulbosus, epidemiology,	pears, wood destroying fungi 8051	characteristics 7375
Pseudomonas solanacearum, potatoes	pesticides, usage 3752	Queensland 7375
7938	Picea abies	plant extracts, antifungal agents 6667
yperus iria	Armillaria mellea 8110	Datura yellow vein virus, Datura stramo-
Phoma cyperi	decline 7136	nium 7375
India 1879	potatoes, viruses 939	Daucus carota (see Carrots)
taxonomy 1879	Sorbus aucuparia, mycorrhizas 1790	Dazomet
Syperus rotundus, Cercospora, biological	Sparganium erectum, Doassansia spar-	Control
control 3064 Syperus virens	ganii 215 Sphaeropsidaceae 7246	Phytophthora cactorum 7811 Picea glauca, diseases 4466
Balansia cyperi	sugarbeet, seed treatment 6827	Pyrenochaeta lycopersici, tomatoes
host parasite relationships 1393	viruses, vectors 4762	4381
Louisiana 1393	walnuts, wood destroying fungi 8051	Sclerotium cepivorum, onions 6919
yphomandra betacea	wheat	Verticillium dahliae 7811
potato Y potyvirus	Puccinia graminis 748, 752	soil 3867
inoculum 2817	Puccinia recondita 748	strawberries 4262
Italy 2817	Dactuliochaeta glycines, CMI descriptions	phytotoxicity, tomatoes 4372
ypresses (see Cupressus)	5414	soil treatment 1001, 1629, 7700, 7806
yprex, control, Taphrina deformans,	Dactylis, Mastigosporium muticum, Aus-	DCMO (see Carboxin)
peaches 5770	tria 880	DCNA (see Dicloran)
yproconazole	Dactylis glomerata	Deightoniella torulosa, culture 7184
activity	barley yellow dwarf luteovirus France 3354	Deltamethrin, control, potato Y potyvirus,
Corticium rolfsii 3126	vectors 3354	potatoes 941  Dendryphiella dregeae, Dregea valubilis
Pseudocercosporella herpo- trichoides 3999	mycorrhizas, growth 7091	1842
Puccinia recondita, wheat 7044	Dactylorhiza incarnata	Denmark
Rhizoctonia 5295	mycorrhizas, inoculation methods 3146	barley, Erysiphe graminis 5598
Rhizoctonia cerealis 3999	Rhizoctonia, inoculation methods 3146	cereals, Pseudocercosporella herpo-
Rhizoctonia solani 5984	Dactylorhiza purpurella, mycorrhizas,	trichoides 6439
control	nutrition 3147	crops, diseases 5504
Botrytis elliptica, Lilium 6586-6587	Daedaleopsis purpurea, Korea Republic	Dipladenia sanderi
cereals, diseases 6438	4747, 6366	dipladenia mosaic virus 379
Entyloma eryngii, Eryngium	Daffodils (see Narcissus)	tobacco mosaic tobamovirus 379
alpinum 862	Dahlia	Gasumannomuces araminis var
Exobasidium vexans, tea 3529	dahlia mosaic caulimovirus control 2091	Gaeumannomyces graminis var. tritici 731
Mycena citricolor, coffee 6552	CONTION ZUFT	WHILE TO

Denmark cont.	1,3-Dichloropropene, control, Sclerotium	Diniconazole cont.
rye cont.	cepivorum, onions 6919	control cont.
Pseudocercosporella herpo-	Dichlozolinate, fungicide residues, grapes	Sphaerotheca pannosa var. rosae,
trichoides 732-733	7849	roses 6592
		Dinocap
seed testing 2432	Dichomitus squalens, Germany 3181	
Ulmus, Inonotus ulmicola 2263	Dichotomophthora lutea, metabolites 3164	control
wheat	Diclobutrazol "	Colletotrichum curcumae, turmeric
diseases 5545	activity	7893
Gaeumannomyces graminis var.	Puccinia recondita, wheat 1954	Erysiphe cichoracearum,
	wheat 3998	Trichosanthes dioica 5149
tritici 731		
Pseudocercosporella herpo-	control	Erysiphe polygoni
trichoides 732-733	Erysiphe graminis, wheat 745	Vigna mungo 4523
Derris, Hapalophragmium derridis, Thai-	Fusarium culmorum, wheat 4034	Vigna radiata 4523
land 205	Dicloran	phytotoxicity, melons 8164
		Diodia vein chlorosis virus, Diodia virgini-
Derris robusta	activity, Cercosporella rubi 7803	
leaf spot, Assam 1522	control	ana 3683
Rhizoctonia solani	Sclerotinia trifoliorum, lucerne 416	Diodia virginiana
control 2256	soyabeans, diseases 3017	diodia vein chlorosis virus
India 2256	fungicide residues	Arkansas 3683
	crops 1732	characteristics 3683
Descurainia sophia		
Nematospora sinecauda	peaches 6646	transmission 3683
alternative hosts 5991	soil treatment 4184	Dioscorea (see Yams)
seeds 5991	Dictionaries, fungi 2449	Diospyros kaki (see Persimmons)
Desert plants	Dictyuchus sterile, soil 6353	2,4-Dioxohexahydro-1,3,5-triazine
Glomus	Dicyma olivacea, hyperparasitism, Rhizoc-	activity, potato X potexvirus, potatoes
		2855
mycorrhizas	tonia solani 692	
edaphic factors 122	Didymella applanata, raspberries 4971,	control, potatoes, viruses 2854
Saudi Arabia 122	6657	Diphenyl, control, Penicillium italicum,
mycorrhizas 162	Didymella bryoniae	mandarins 2038
Rajasthan 147	cell walls 588	Diphenylamine
Deuteromycotina	cucumbers 587, 1044, 3615, 6838	control, apples, scald 2772
China 6363	Cucurbitaceae 7239	fungicide tolerance, Penicillium 6633
conferences 6963	melons 6847	Dipladenia mosaic virus, Dipladenia
Mongolia 4745	Didymella chrysanthemi, metabolites 4726	sanderi 379
taxonomy 6963	Didymella fabae, faba beans 3631	Dipladenia sanderi
Deuterophoma tracheiphila	Didymella lycopersici, tomatoes 505, 8017	dipladenia mosaic virus
lemons 5364, 5671-5673	Didymosphaeria, phenolic compounds 5364	Australia 379
sour oranges 5673	Didymosphaeria conoidea, Canada 3185	characteristics 379
Developing countries, pesticides, usage	Didymosporium radicicola, chestnuts 535	Denmark 379
1117	Dieffenbachia, Trichoderma koningii,	tobacco mosaic tobamovirus
		Australia 379
Diabrotica undecimpunctata howardi,	metabolites 2092	
interactions, comovirus group 3212	Dieffenbachia amoena, Glomerella cingu-	characteristics 379
Diacetyl-2,4-dioxohexahydro-1,3,5-triazine,	lata, Iran 1387	Denmark 379
activity, potato X potexvirus, potatoes	Dieffenbachia maculata, dasheen mosaic	Diplazium esculentum
2855	potyvirus, detection 357	Cercospora diplaziicola
Diallyl disulfide, control, Sclerotium	Diethofencarb	India 1215
cepivorum, onions 6919	control	taxonomy 1215
Dianthus barbatus, plant extracts, antiviral	Botrytis cinerea	Diplocarpon rosae, roses 6591-6592, 7726
agents 2542	cucumbers 7399	Diplococcium, Cactaceae 5703
Dianthus caryophyllus (see Carnations)	ornamental plants 6566	Diplodia
Diaphorina citri, transmission, citrus,	strawberries 4261	limes 6535
greening 829, 6534	tomatoes 7399	maize 5608
Diaporthe, roses 6590	Botrytis elliptica	pines 557
Diaporthe citri, grapefruits 4126	Lilium 6586-6587	Diplodia pinea
Diaporthe helianthi, sunflowers 5004, 6704	ornamental plants 6566	Picea mariana 8111
Diaporthe phaseolorum, Stokesia laevis	Botrytis tulipae, ornamental plants	pines 559, 2291, 2297, 4456, 4464,
934	6566	5101, 5103, 5951-5952, 6802,
Diaporthe phaseolorum var. caulivora,	fungicide tolerance	8031, 8098
soyabeans 3637, 8214-8215	Fusarium oxysporum 6566	soil 4456
Diaporthe phaseolorum var. sojae,	Penicillium 6566	
		Diplodia quercina, Quercus 2265
soyabeans 8212	Difenoconazole, control, Entyloma eryngii,	Diplodina acerina, Acer pseudoplatanus
Diaporthe woodii, lupins 1403-1404, 2735	Eryngium alpinum 862	3555
Diatraea saccharalis, epidemiology,	Difluoromethylornithine	Diplotaxis erucoides, pelargonium zonate
Glomerella tucumanensis, sugarcane	control, Erysiphe graminis, barley 4042	spot virus, Italy 6767
2884		
	uptake, Fusarium culmorum 4740	Dipodascus
Dibam, determination 5301	Digitalis lanata, Nannfeldtia, India 7239	proteins 218
Dicarboximide fungicides	Digitaria	taxonomy 218
control	pangola stunt fijivirus	Dipsacaceae, Ustilago, differentiation 3182
Botrytis cinerea, strawberries 4260	Australia 7733	Dipsacus mitis
Pyricularia oryzae, rice 6279	transmission 7733	Septoria dipsacicola
Xanthomonas campestris pv.	Digitaria setigera, digitaria streak virus,	India 3896
oryzae, rice 6279	RNA 1251	taxonomy 3896
fungicide tolerance	Digitaria streak virus	Dipterocarpaceae, mycorrhizas, Malaysia
Botrytis cinerea 451, 2840, 4260-	Digitaria setigera 1251	7120
4261, 5716, 7077		Directories
	tobacco 1251	
Botrytis elliptica 6586-6587	Dihydrothiazolopyrimidinones	mycology 5249
Dicellomyces gloeosporus, Pleioblastus	activity	pesticides 7034
chino var. viridis 3186	Aspergillus flavus 5297	USA 3735
Dichlofluanid	Fusarium solani 5297	plant pathologists, Latin America 6988
control		Discosia, Rubus parviflorus 6137
	Dimethomorph, activity, Phytophthora	
Alternaria porri, leeks 6922	2471	Discosia punicae, pomegranates 5802
Alternaria solani, tomatoes 968	Dimorphotheca sinuata, mycoplasma-like	Discula
Botrytis cinerea	organisms, Italy 843	Cornus florida 4429
cucumbers 7399	Diniconazole	Cornus kousa 994
tomatoes 7399	activity	
		Discula umbrinella, Quercus 2265
Botrytis elliptica, Lilium 6587	Mentha cardiaca 2846	Disease surveys, Canada 5238, 5241
Fulvia fulva, tomatoes 968	Mycosphaerella berkeleyi 6890	Disinfectants
Dichlone, activity, mycorrhizal fungi 158	Salvia 2846	activity, soil fungi 3861
Dichlorophen, control, Xanthomonas	control	control
campestris pv. malvacearum, cotton	Botrytis elliptica, Lilium 6568	Erwinia amylovora
842	Corticium rolfsii, Lilium 6569	apples 2764, 7767

Disinfectants cont.	Drechslera cont.	Edifenphos cont.
control cont.	antagonism, Fusarium sporotrichioides	activity cont.
Erwinia amylovora cont.	7430	Gibberella zeae 1730, 3124
pears 4247, 7767	cereals 7439	control
Xanthomonas campestris pv.	control, Fusarium sporotrichioides, rye 5372	Cochliobolus nodulosus
pelargonii, Pelargonium 4922 Dissoconium dekkeri	Drechslera andersenii, grasses 4190	Eleusine coracana 4867 soil 3871
Netherlands 5426	Drechslera bicolor, gums 1846	Colletotrichum curcumae, turmer
taxonomy 5426	Drechslera biseptata, CMI descriptions	7893
Ditalimfos, activity, barley 1317	5416	Eggplant mild mosaic virus, aubergines
Oithane M-45 (see Mancozeb)	Drechslera cactivora, CMI descriptions	2417
Dithianon	5416	Eggplant mosaic tymovirus, aubergines
activity, Venturia inaequalis 6624 control	Drechslera dematioidea, CMI descriptions 5416	3678
Apiognomonia erythrostoma, apri-	Drechslera gigantea	Eggplant mottled dwarf rhabdovirus aubergines 2416, 3050
cots 2795	oats 7542	Withania somnifera 3050
black currants, diseases 4258	petasol 2514	Egypt
Exobasidium vexans, tea 3528	toxins 5387	bananas
Gloeodes pomigena, apples 7772	Drechslera longirostrata, morphology 687	Fusarium oxysporum f.sp. cubens
Schizothyrium pomi, apples 7772	Drechslera musae-sapientum, bananas	4271
Venturia inaequalis, apples 895, 897	7828	Fusarium poae 4272
Dithiocarbamate fungicides	Drechslera poae, Poa pratensis 6604 Drechslera spicifera, bananas 7828	barley, Erysiphe graminis 2630 cereals
activity	Drechslera tritici-repentis, cereals 6446	Fusarium 2584
Alternaria alternata 7070	Drechslera triticicola, wheat 765	Gibberella 2584
Fusarium equiseti 7070	Dregea valubilis, Dendryphiella dregeae,	faba beans, Aspergillus flavus 5163
fungicide tolerance, Bremia lactucae	Uttar Pradesh 1842	groundnuts, Aspergillus flavus 1075
1088	Drepanopeziza populorum, Populus 545	Jasminum, diseases 4184
Diuraphis noxia	Drepanopeziza punctiformis	maize, viruses 6491
transmission barley yellow dwarf luteovirus 5523	Populus 545, 8048	onions
beet mosaic potyvirus 6825	Populus canadensis 5074 Drepanopeziza ribis	Botrytis allii 3035
beet yellows closterovirus 6825	black currants 437, 3687-3688, 4258	Sclerotium cepivorum 4591 pears
Doassansia sparganii, Sparganium erec-	red currants 4969	Botryodiplodia theobromae 4240
tum 215	Duneland plants, mycorrhizal fungi,	Erwinia amylovora 3415, 4249
Docynia indica	Canada 6334	rice, Pyricularia oryzae 336
Alternaria alternata	Dunes	soil
India 7709	mycorrhizal fungi, Canada 6334	Erwinia carotovora subsp.
storage 7709 Geotrichum candidum	mycorrhizas population dynamics 7133	carotovora 1679 fungi 6353
India 7709	spores 7133	soyabeans, diseases 3016
storage 7709	East Africa	sugarbeet
Rhizopus oryzae	Phaseolus, Phoma exigua var. diver-	Fusarium oxysporum f.sp. betae
India 7709	sispora 4521	4490
storage 7709	Vigna, Phoma exigua var. diversispora	Rhizoctonia solani 4490
Oodine	4521	sunflowers, Corticium rolfsii 6703
Pseudomonas syringae 5263	Ebelactones activity	tomatoes, viruses 4366 Eichhornia crassipes
Venturia inaequalis 6624	Rhizoctonia solani 3794	Alternaria alternata, India 4624
control	Venturia inaequalis 3794	Cercospora piaropi, South Africa 164
Apiognomonia erythrostoma, apri-	Echinochloa colonum	Elaeis guineensis (see Oil palms)
cots 2795	rice yellow dwarf	Elaphomyces
Fusarium oxysporum, Ixia 6585	mycoplasma-like organisms 7594	China 7274
Mycosphaerella caryigena, pecans	reservoir hosts 7594	taxonomy 7274
3562 sunflowers, diseases 457	Echinochloa crus-galli echinochloa ragged stunt virus	Elderberry carlavirus Sambucus nigra 2923
Taphrina deformans, peaches 5770	characteristics 1111	Sambucus racemosa 2923
Venturia inaequalis, apples 897	Taiwan 1111	Elders (see Sambucus)
fungicide tolerance, Penicillium	Echinochloa ragged stunt virus	Electron microscopy
italicum 3314	Echinochloa crus-galli 1111	Alternaria alternata 4718
Polichos yellow mosaic virus, India 7332	purification 2433	Alternaria solani, tomatoes 8025
Dominican Republic	serology 2433	Ceratocystis coerulescens 4718
Phaseolus vulgaris bean golden mosaic geminivirus	Economics of control barley, diseases 2621	Ceratocystis ulmi, Ulmus americana 983
5158	Botryosphaeria obtusa, apples 5754	cherry leaf roll nepovirus, Fraxinus
Xanthomonas campestris pv. phase-	cereals, diseases 737	excelsior 5937
oli 6948	Colletotrichum truncatum, cowpeas	Christiansenia pallida, Phanerochaete
weeds, Xanthomonas campestris pv.	3651	cremea 7266
phaseoli 6948	Erysiphe cichoracearum, Trichosanthes	Colletotrichum lindemuthianum,
Oratomyces, antagonism, Pleurotus 1089	dioica 5149	Phaseolus vulgaris 6861
Oothiorella dominicana, mangoes 4277 Oothiorella gregaria	Guignardia bidwellii, grapes 262 Mycosphaerella pini, pines 8095	Colletotrichum trifolii, lucerne 6612-6613
Bacillus, antagonism 2930	plant diseases 6215	cowpea chlorotic mottle bromovirus,
Nocardia, antagonism 2930	Pseudocercosporella herpotrichoides	cowpeas 6897
Populus 542-543, 991, 2930-2931	rye 733	Erwinia amylovora 3726
Streptomyces, antagonism 2930	wheat 733	fungi 6251, 6336, 6384
Oothistromin, toxicity 3148	soyabeans, diseases 1606	Fusarium 2513
Double bean yellow mosaic virus, Phaseo-	tobacco mosaic tobamovirus, Capsicum	Fusarium culmorum, wheat 5583 Fusarium oxysporum f.sp. vasinfectus
lus vulgaris 4532 Downy mildews, reviews 7407	8306 Venturia inaequalis, apples 262	cotton 6560
Oracaena, Erwinia carotovora subsp.	wheat, diseases 740, 2594, 2596	hibiscus yellow vein mosaic virus,
carotovora, Puerto Rico 1930	Ecuador	Abelmoschus esculentus 8315
Oracaena marginata, Gibberella fujikuroi,	cocoa, Crinipellis perniciosa 2567	Lagena radicicola 1966
temperature 847	pesticides, usage 1143	Lophodermium piceae, Picea abies
Dracula	EDDP, control, Cochliobolus miyabeanus,	4469
bean yellow mosaic potyvirus	rice 3307	Magnaporthe grisea, rice 6523
control 2098 genetics 2098	Edgeworthia chrysantha, Cercospora edgeworthiae, China 998	mycoplasma-like organisms 6419 Hydrangea macrophylla 3338
transmission 2098	Edifenphos	Narcissus 2709
Drechslera	activity	mycorrhizal fungi 6323
/ CCMStC/ W	activity	Nectria haematococca 7195-7197

electron microscopy cont.	Emisan cont.	Erwinia amytovora cont.
okra enation leaf curl virus, Abelmos-	seed treatment, sorghum 802	apples cont.
chus esculentus 8315	Enactins, activity, plant pathogens 4681	3376-3382, 3385-3387, 3400-3402,
Peronospora destructor, Allium 3036	Encoelia mollisioides	3404-3411, 4211-4214, 4217,
Phanerochaete chrysosporium 2527	bamboos 209	4230-4233, 5762, 7080, 7767,
Phytomonas 6426	Brassica oleracea 209	7769-7770
Phytophthora cinnamomi 4722, 6340	Endocronartium harknessii, pines 1010,	Australia 4209
Phytophthora infestans 1806, 7159	1539, 2944, 3580, 4447, 5095	Austria 4649
tomatoes 8014	Endocronartium pini, pines 1550, 2299	bacteriophages 3101, 3725
plant pathogens 6195	Endogonaceae, evolution 7142	cloning 2459
plum pox potyvirus 3205	Endogonales	conferences 3071
potato spindle tuber viroid, tomatoes	nomenclature 1833	control 4216
		Cotoneaster 2777, 3333-3334
5919	taxonomy 3826	
Pseudocercosporella herpotrichoides,	Endogone, taxonomy 3826	Cotoneaster dammeri 3378
wheat 4027	Endogone pisiformis	Cotoneaster salicifolius var. floccosus
Pseudomonas, Phaseolus vulgaris 6866	culture 1795	3088
Pseudomonas syringae pv. aptata,	morphology 1795	Crataegus 2696, 2777, 3383
tobacco 7989	Sphagnum 1795	Crataegus monogyna 3104-3105, 4179
Pseudomonas syringae pv. phase-	mycorrhizas 1795	detection 3097, 3723, 3727
olicola, Phaseolus vulgaris 3622	Engelhardtia spicata	DNA 3086
Puccinia graminis, wheat 6454	Sclerotinia sclerotiorum	Erwinia herbicola, antagonism 2460,
Puccinia melanocephala 6741	control 2256	2778
rice dwarf phytoreovirus 1896	India 2256	fatty acids 2456, 3722
		genetic transformation 3724
rice ragged stunt virus 1896	Entandrophragma utile, plant extracts,	genetics 3091, 3093
rubber, phloem necrosis 7945	antifungal agents 6262	
Sphacelotheca polygoni-serrulati 6350	Enterobacter aerogenes, control,	Germany 3221
Sphaerotheca pannosa var. rosae, roses	Phytophthora cactorum, apples 4224	host parasite relationships 3096
7725	Enterobacter agglomerans, maize 5313	identification 2456
Stemphylium, asparagus 639	Enterobacter cloacae, control, Sclerotinia	isolates 3722
sweet potato leaf curl bacillivirus 8321	homoeocarpa, lawns and turf 4917	laboratory tests
Typhula incarnata 1810	Entrophospora, taxonomy 3826	antibiotics 3089
Uredinales 6347-6348	Entyloma dahliae, taxonomy 5410	plant oils 7012
Uromyces appendiculatus, Phaseolus	Entyloma eryngii, Eryngium alpinum 862	terpenoids 6205, 6345
	Entylomella dahliae, taxonomy 5410	Malus 3403, 4215
vulgaris 3622		melons 7080
Uromyces transversalis, Gladiolus	Epicoccum	
7712	antagonism, Fusarium sporotrichioides	molecular genetics 4647
viroids 6403	7430	monoclonal antibodies 3723
viruses 6398-6399, 6402	control, Fusarium sporotrichioides, tye	mutants 2457, 3090, 3092, 3095, 3725
ornamental bulbs 4171	5372	ornamental plants 4217
Xanthomonas campestris pv. ricini	sorghum 6511	pathogenesis 3098
1130	Epicoccum nigrum	pathogenicity 2457, 3086, 3091, 3093-
Xanthomonas campestris pv. vesi-	antagonism	3094, 3725, 4647, 6204
catoria, tomatoes 6777	Macrophomina phaseolina 4578	pears 430, 894, 905, 2747-2748, 2750-
Xanthomonas populi subsp. populi,	plant pathogens 5510	2754, 2777-2782, 3376-3387,
Populus trichocarpa 5081	apples 426	3413-3429, 4211-4215, 4217,
		4242-4249, 4958, 7767
Elettaria cardamomum	barley 1973	
cardamom katte virus	guavas 4979	Phaseolus vulgaris 3427
control 3483	Epigallocatechin-3-gallate, control, Coch-	plasmids 2458, 3726, 6204
Karnataka 3484	liobolus miyabeanus, rice 3307	polysaccharides 3099
spread 3484	Epilachna chrysomelina, transmission,	pome fruits 2749, 4210, 4218, 4941,
transmission 3483	squash mosaic comovirus 1586	7766
mycorrhizas	Epilachna varivestis, interactions,	Pyracantha 2696, 2717, 2777, 3344-
fertilizers 124	comovirus group 3212	3346, 3381, 4185
Karnataka 124	Epipremnum pinnatum, Rhizoctonia	Pyrus 2777
Phytophthora	solani, temperature 7710	quarantine 3221
fungicide tolerance 5518		research 4216
	Epirus cherry virus, cherries 3449	
Kerala 5518	Epulorhiza anaticula, Orchidaceae, mycor-	restriction mapping 2459
Phytophthora meadii, Karnataka 7396	rhizas 178	rice 7080
Eleusine coracana	Epulorhiza repens, Orchidaceae, mycor-	siderophores 3094-3095
air spora, Uttar Pradesh 5640	rhizas 178	survival 4648
Alternaria alternata	Eragrostis curvula	Switzerland 2455
Bihar 1353	Magnaporthe grisea	tomatoes 7080
toxins 1353	cytology 3360	transmission 3102, 4648
Aspergillus flavus	host parasite relationships 3360	virulence 3092, 3095, 3100
enzymes 5642	Eragrostis grisea	Erwinia ananas
seeds 5642	Magnaporthe grisea	melons 2996
Cochliobolus nodulosus, control 4867	host parasite relationships 1649	tea 7974
Glomus fasciculatum, mycorrhizas,	host specificity 1649	Erwinia carotovora
anatomy 2503	Eranthis, fungi, nomenclature 5410	cabbages 6004
Magnaporthe grisea	Eremochloa ophiuroides	carrots 2337, 6835
control 810	root rots	celery 5144
Uganda 7584	Florida 3355	enzymes 1682
Uttar Pradesh 5643	fungi 3355	genetic engineering 1681
yield losses 5643, 7584	Erica	laboratory tests
Eleusine indica	Botrytis cinerea, control 2063	plant extracts 6199
Magnaporthe grisea	Fusarium, control 2063	tsibulins 57
host parasite relationships 1649	Pythium ultimum, control 2063	molecular genetics 1682
host specificity 1649	Ericaceae	potatoes 937, 3498, 4332, 5886, 6734
Elms (see Ulmus)	mycorrhizas 684	survival 1681
Elsinoe ampelina, grapes 1430, 2162,	Alberta 6335	Erwinia carotovora subsp. atroseptica
5817, 5819, 6691	Phytophthora, control 1389	DNA 1684
Elsinoe fawcettii	Eriobotrya japonica (see Loquats)	enzymes 3103, 4651
lemons 7668	Erwinia	laboratory tests
mandarins 5676	aubergines 2880	gamma radiation 7007
Elsinoe fici, Ficus infectoria 4407	Colocasia esculenta 2425	plant extracts 6199
Elsinoe phaseoli, cowpeas 3021	differentiation 4650	potatoes 938, 2879, 2882, 3520, 4332-
Elymus, Ustilago serpens, Japan 4746	fatty acids 4650	4333, 5856, 5886-5888, 6712,
Emisan	potatoes 2215, 5023	7935-7936
control		
	Erwinia amylovora	soil 3520
Fusarium, potatoes 952	apples 894, 2747-2748, 2750-2751,	Erwinia carotovora subsp. betavasculorum,
Tilletia indica, wheat 1958	2753-2754, 2762-2769, 3334,	sugarbeet 5124

winia carotovora subsp. carotovora	Eryobotria japonica (see Loquats)	Erysiphe polygoni cont.
carrots 8158	Erysimum, erysimum latent tymovirus,	Vigna radiata 4523, 4575, 7412
cauliflowers 5997	hosts 7392	Erysiphe polyphaga, Begonia 3958
crops 1930	Erysimum latent tymovirus	Erysiphe umbelliferarum f.sp. dauci, car-
Cruciferae 1583	Crambe 7392	rots 2983, 8157
DNA 1684	Erysimum 7392	Erythrobalanus
enzymes 7009	nucleotide sequences 3929	decline
identification 7009	Erysiphales	drought 987
isoenzymes 15	Ampelomyces quisqualis, hyperparasit-	USA 987
laboratory tests	ism 7262	Essential oils, activity, Rhizoctonia solan
gamma radiation 7007	hosts 696, 1852, 5405	rice 2667
ozone 1571	keys 5406	Etaconazole
Lilium 4918	Leguminosae 4752	control
molecular genetics 1686, 6207	Mongolia 4745	Mycosphaerella caryigena, pecans
nucleotide sequences 15, 3730	taxonomy 7255	3562
potatoes 955, 957, 1447, 2187, 2216,	UK 696, 1852, 5405-5406, 7255	Venturia inaequalis, apples 5751
2218, 3520, 7935-7936	Erysiphe	Ethanol, seed treatment, asparagus 638
proteins 7010 radishes 3600	morphology 4752	Ethephon
	taxonomy 4752	activity
soil 1679, 3087, 3520, 7210 tobacco 2238	tomatoes 3548	citrus exocortis viroid, Gynura
tomatoes 2911	wheat 1944	aurantiaca 1260
vegetables 3728, 6821	Erysiphe betae, sugarbeet 2970, 3591, 5974	Fusarium culmorum, wheat 4825
rwinia carotovora subsp. citrullis		Ethiopia
enzymes 7009	Erysiphe cichoracearum chicory 6932	Acanthus, Phloeospora aethiopica 72' sunflowers, Plasmopara halstedii 456
identification 7009	cucumbers 691, 5146, 6273, 6837	wheat, diseases 1942, 7451
rwinia chrysanthemi	Curcurbitaceae 2993	Ethirimol
chrysanthemums 372	potatoes 2878	activity, Erysiphe graminis, oats 4053
enzymes 1127, 3729, 5260, 7008	sunflowers 5839	control
genetic engineering 7008	tobacco 5036, 5047, 5049, 7981	Ervsiphe graminis, barley 6482
host specificity 7011	Trichosanthes dioica 5149	Pleospora betae, sugarbeet 5135
Kalanchoë blossfeldiana 5261	Vernonia cinerea 394	seed treatment, sugarbeet 5135
maize 5261	Erysiphe cichoracearum var. fischeri,	Ethoxyquin, control, apples, scald 2772
molecular genetics 1683, 1696, 5260	Senecio vulgaris 8334	Ethylene
nucleotide sequences 1680, 2461	Erysiphe cruciferarum	activity
potatoes 5024	Arabidopsis thaliana 1650	Cochliobolus heterostrophus 1343
proteins 7011	Brussels sprouts 4484	Cochliobolus sativus 1204
rivers 16	Chinese cabbages 4484	Ethylene thiourea, fungicide residues,
Saintpaulia ionantha 4187	environmental factors 4504	groundwater 1733
sorghum 3295	spore germination 4504	Ethyltrianol, control, Ceratocystis
taxonomy 7011	swedes 5985	paradoxa, sugarcane 2221
rwinia chrysanthemi pv. chrysanthemi,	Erysiphe graminis	Etridiazole
Saintpaulia ionantha 7728	Aegilops squarrosa 7489	control
rwinia chrysanthemi pv. zeae, maize 2006	Agropyron tsukushiense 281	cotton, diseases 6558
rwinia herbicola	barley 281, 737, 778, 782, 1320-1321,	ornamental plants, diseases 2063
activity, Erwinia amylovora 3089	1968, 1971-1972, 1976-1978,	Pythium myriotylum, Colocasia
antagonism, Erwinia amylovora 2460,	2587, 2624-2630, 3239, 3279-	esculenta 3057
2778	3280, 3757, 3971, 4041-4044,	soil treatment 2718
apples 4231	4790, 4832-4833, 4839-4843,	Eubucklandia populnea
bacteriophages 3101	5531, 5593, 5596-5598, 6473,	Tandonea dargentiana
beetroots 8132	6478-6482, 7516-7517, 7522-7525	taxonomy 8118
carotenoids 4646	Bromus catharticus 879	West Bengal 8118 Eucalyptus
carrots 6834	cereals 2586, 6275, 6438, 6446 conidia 3836	Armillaria luteobubalina, Victoria 53
control	Cucurbitaceae 2990	Calonectria
Erwinia amylovora	laboratory tests, quinolines 7059	control 8068
apples 2765-2766, 3401, 4231	Lolium 1396	Kerala 8068
Crataegus monogyna 3104	nucleosides 3836	Cladosporium, Madhya Pradesh 5408
pears 3416-3417, 3419 culture 2460	nucleotides 3836	Cortinarius, mycorrhizas, Australasia
enzymes 5262	oats 281, 3239, 4053, 4844, 7541	5315
estimation 4643	rye 281, 1333, 1986, 3285, 4848-4849,	Cylindrocladium
faba beans 8203	5606, 7432, 7544-7545	control 8068
Gypsophila paniculata 3337	Tilletiopsis pallescens, antagonism	Kerala 8068
IAA 6198	1977	dieback
ice nucleation 2450	triticale 2578, 4014	aetiology 8069
metabolites 2460	wheat 281, 284, 303-304, 313, 737,	New South Wales 8069
molecular genetics 6206	739, 742, 745, 761-763, 1280,	fungi, South Africa 3558
nucleotide sequences 2450	1292-1293, 1656, 1960, 2592-	Hebeloma westraliense, mycorrhizas,
pears 3426-3427	2593, 2609-2612, 3244, 3247,	taxonomy 5325
Phaseolus vulgaris 3427	3252-3253, 3265, 3971, 4014-	Laccaria fraterna, mycorrhizas, West-
rwinia nigrifluens, sunflowers 1438	4017, 4790, 4795, 4797, 4812-	ern Australia 5326
rwinia persicinus, taxonomy 1685	4816, 5537-5538, 5540-5541,	mycorrhizal fungi, Tasmania 2494
rwinia quercina, Quercus 2265	5544-5545, 5576, 6441-6444,	mycorrhizas, reviews 3795
rwinia rhapontici	6447, 6459, 7432, 7445-7446,	Mycosphaerella
bacteriophages 3101	7489-7492	South Africa 5072
peas 6045	Erysiphe pisi	taxonomy 5072
rwinia rubrifaciens, walnuts 5083	barley 4045, 7523	Phaeoseptoria eucalyptii, South Afric
rwinia salicis, Salix 2932	conidia 3836	6792
rwinia stewartii	nucleosides 3836	Phytophthora, Australia 8066
bacteriophages 3101	nucleotides 3836 peas 4529, 6038-6039, 6044, 8180	plant extracts, antifungal agents 3967
maize 324	Erysiphe polygoni	Eucalyptus camaldulensis Fusarium solani, India 1512
rwinia toxica	buckwheat 4080	Pisolithus tinctorius, mycorrhizas,
enzymes 7009	clovers 7752	nitrogen 1741
identification 7009	cowpeas 1078, 3021	Eucalyptus citriodora
rwinia tracheiphila cucumbers 6838	Cuminum cyminum 4301, 4992	gummosis
laboratory tests, gamma radiation 7007	peas 599, 2356, 4531, 6040, 6856,	China 984
ryngium alpinum	8183-8184	control 984
Entyloma eryngii	Trigonella foenum-graecum 5846	Eucalyptus deglupta
control 862	Vigna angularis 1084	stunt
Switzerland 862	Vigna mungo 4523, 4575	aetiology 5070

Eucalyptus deglupta cont.	Euphorbia pulcherrima	Faba beans cont.
stunt cont.	Amphobotrys ricini	Aspergillus flavus
Philippines 5070	control 861	Egypt 5163
Eucalyptus diversicolor	Louisiana 861	toxins 5163
Armillaria luteobubalina	Curtobacterium flaccumfaciens pv.	varietal reactions 5163
antagonists 1510	poinsettiae, Venezuela 6579	Aspergillus sydowii, mycorrhizas 172
Western Australia 1510	diseases, Italy 5701	Botrytis cinerea
Eucalyptus globulus	Rhizoctonia solani, control 860, 3335,	mixed infections 6056
Pisolithus tinctorius	4180	spores 6056
mycorrhizas	Euphorbia supina, Amphobotrys ricini,	Botrytis fabae
ergosterol 1173	Oklahoma 6145	apothecia 8198
estimation 1173	Europe Armillaria 3190	biological control 2365 breeding 4542
metabolites 5321 plant extracts, antifungal agents 7226	barley, Erysiphe graminis 7524	China 4543
Eucalyptus gomphocephala, sulfur dioxide,	cereals	insects 6872
morphology 6793	diseases 6275	sporulation 1060
Eucalyptus grandis	Fusarium 3882, 3981	taxonomy 8198
cankers, Zimbabwe 6791	culture collections, databases 3890	varietal reactions 4543
decline, soil properties 540	food, pesticide residues 5277	broad bean mottle bromovirus
Pisolithus tinctorius, mycorrhizas,	forests	hosts 3010
inoculation 3798	decline 4404	Portugal 3010
Eucalyptus hybrida	mycorrhizas 4701	transmission 3010
Botryotrichum piluliferum, India 720	grapes, grapevine leaf roll closterovirus	broad bean wilt fabavirus
Fusarium oxysporum, India 720	4284	North Africa 3630
Eucalyptus lanceolatus, fungi, gums 1846	ornamental plants	West Asia 3630
Eucalyptus marginata	mycoplasma-like organisms 236	Cercospora zonata, India 208
Phytophthora, Australia 8066	viruses 236 pesticides	Didymella fabae
Phytophthora cinnamomi Australia 8067		crop residues 3631
dieback 5071	disposal 3786 formulations 1139	taxonomy 3631 UK 3631
water stress 5071	groundwater 2474	diseases
Western Australia 5071	legislation 1139, 6240, 7039	breeding 4541, 6873
Eucalyptus obliqua	registration 6238-6239	China 4543
dieback, Tasmania 8070	Picea abies, decline 6808	control 6871
mycorrhizas	plant diseases	Poland 3633
fires 1174	integrated control 1925	Erwinia herbicola
South Australia 1174	legislation 58, 2480, 3129, 6292	pathogenicity 8203
Eucalyptus pilularis	plant protection, biotechnology 6165	Poland 8203
mycorrhizas, Queensland 1164	Populus, Melampsora larici-populina	Fusarium oxysporum, mycorrhizas 172
Pisolithus tinctorius, mycorrhizas, mor-	8076	Fusarium solani
phology 7097	potatoes, Fusarium 3882, 4327	biological control 8202
Eucalyptus regnans	tobacco, Peronospora tabacina 2889,	Iraq 8201
decay	6749	soil solarization 8201
New Zealand 8065	Ulmus, Ceratocystis ulmi 2262, 4412	mycorrhizas, root rots 172
pruning 8065	water, pesticide residues 5277	phytoalexins, nitrogen fixing bacteria
dieback, Tasmania 8070	wheat, diseases 741 Eurotium, tobacco 498-499	2364
Eucalyptus sieberi Phytophthora cinnamomi	Eurotium amstelodami, cereals 7434	Pleospora herbarum, India 5164 Pythium, seed treatment 6853
infection 539	Euscelis incisa, transmission, chrysanthe-	Rhizoctonia solani, seed treatment
zoospores 539	mums, yellows 853	6853
Eucalyptus tereticornis, Alternaria	Eustoma, tomato spotted wilt virus, detec-	Sclerotinia sclerotiorum
padwickii, Kerala 1511	tion 4183	breeding 1059
Eucalyptus urophylla	Eustoma grandiflorum	induced mutations 1059
Nectria, Indonesia 4414	tomato spotted wilt virus, Italy 3234	sulfur dioxide
Pisolithus tinctorius	viruses, Israel 2703	damage 4545
mycorrhizas	Eutrema wasabi, tobacco mosaic	growth 1601
infection 1163	tobamovirus, serology 1250	models 4545
inoculation 3798	Eutypa lata	yield losses 1601
Eucryphia cordifolia	cherries 4257	turnip mosaic potyvirus
Phellinus ralunensis Chile 6377	grapes 2833, 3481, 4984, 6695	China 8197
taxonomy 6377	reviews 1125 Eutypella cerviculata	strains 8197
Eudarluca biconica, cherries 4967	taxonomy 1217	transmission 8197 Uromyces viciae-fabae
Eudarluca caricis	West Bengal 1217	induced resistance 8200
control, Puccinia recondita, wheat 3262	Exfoliazone, activity, Valsa ceratosperma	infection 594, 3632
hyperparasitism, Uromyces appendicu-	7083	mixed infections 6056
latus 8265	Exobasidiales, taxonomy 5421	proteins 3632
Eupatorium, plant extracts, antifungal	Exobasidium camelliae	spores 6056
agents 3000	Camellia 1386	sulfur dioxide 3011
Euphorbia	Camellia japonica 4915	urediospores 594
diseases	Exobasidium gracile, Camellia sasanqua	varietal reactions 3634
control 2702	4915	viruses
symptoms 2702	Exobasidium nudum, Camellia japonica	immunodiagnosis 2999
disorders	4915 Exobasidium oxycocci, Vaccinium 2142	seeds 1591, 2999
control 2702 symptoms 2702	Exobasidium sasanguae, Camellia sasan-	transmission 1591
Euphorbia geniculata	qua 4915	Turkey 2354 vectors 606
Cochliobolus carbonum	Exobasidium sawadae, Cinnamomum	Fagopyrum esculentum (see Buckwheat)
biological control 6143	camphora 6370	Fagus grandifolia, Nectria coccinea var.
Tamil Nadu 2429, 6143	Exobasidium vexans, tea 3528-3529, 5903,	faginata, New York 4476
Euphorbia heterophylla,	7969	Fagus sylvatica
Helminthosporium, biological control	Exosporium, Leucaena leucocephala 2919	acid mist, physiology 4410
4621	Exserohilum longirostratum, maize 1993	Agrobacterium radiobacter, root exu-
Euphorbia khandalensis	Faba beans	dates 5313
Colletotrichum dematium, India 7711	Ascochyta, Poland 4522	air pollution
Phyllosticta euphorbiae-khandalensis,	Ascochyta fabae	physiology 4399-4401
India 7711 Funkarhia lathuris Masranhamina nhasa	control 607, 4544	resistance 8043
Euphorbia lathyris, Macrophomina phase- olina, Rajasthan 4181	races 8199 resistance 8199	Sweden 531 Armillaria mellea
Euphorbia prostrata, Uromyces	seeds 607	roots 1505
proeminens, Pakistan 7247	varietal reactions 607	Switzerland 1505
,		O

Fagus sylvatica cont.	Fentin acetate	Fertilizers cont.
cherry leaf roll nepovirus	control	activity cont.
Germany 3553 serological relationships 3553	Alternaria solani, tomatoes 508	Setosphaeria turcica, maize 7559
decay, wood moisture 1506	bananas, postharvest decay 2148 Septoria apiicola, celery 6836	wheat, diseases 283  Xanthomonas campestris pv.
decline	fungicide residues, soil 3763	dieffenbachiae
Germany 529, 4397, 5068	Fentin hydroxide	Anthurium 2066
growth 5068	control	Anthurium andreanum 2069
remote sensing 529	Mycosphaerella caryigena, pecans	Xanthomonas campestris pv.
resistance 8043	3562	hederae, Schefflera acti-
Laccaria laccata, mycorrhizas, root exudates 5313	Phytophthora, rubber 5026 Ferbam	nophylla 4924 Xanthomonas campestris pv.
mycorrhizas, enzymes 2483	control, Botrytis elliptica, Lilium 6568	oryzae, rice 7646
Nectria coccinea	determination 5301	Xanthomonas campestris pv. vesi-
Germany 981	Fernasan, seed treatment, Vigna radiata	catoria, tomatoes 6780
insects 981	1655	control, Verticillium dahliae, potatoes
viruses Czechoslovakia 2923	Ferns	5880
inoculation 2915	Morchella, mycorrhizas 7115	Festuca Acremonium, alkaloids 5720
Farmyard manure, control, apples, cankers	plant extracts, antifungal agents 3774 Uredinales	Acremonium coenophialum, toxins
5745	scanning electron microscopy 1873	2114
FBC 39865, control, Rhizoctonia solani,	UK 1873	Cladochytrium caespitis, symptoms
Euphorbia pulcherrima 3335	Feronia elephantum, fungi, gums 1846	396
Fenaminosulf	Fertilizers	diseases, Turkey 1394
control	activity	Sclerotinia homoeocarpa
Pythium aphanidermatum, cucum- bers 6848	Acer saccharum, decline 4409	UK 398 varietal reactions 398
Pythium spinosum, cucumbers 6848	Alternaria alternata, aubergines 642	Festuca arundinacea
Fenapanil, control, Oncobasidium the-	Aphanomyces euteiches, spinach	Acremonium, isolates 7739
obromae, cocoa 2572	8133	Acremonium coenophialum
Fenarimol	apples, replant disease 7771	agronomic characteristics 2112
activity	Armillaria ostoyae, Pseudotsuga	control 6600, 7738
Aspergillus nidulans 1721	menziesii 6800	detection 1395
Rhizoctonia 5295	Claviceps fusiformis, Pennisetum	herbicides 4925
control  Cladosporium allii-cepae, onions	americanum 7579	host parasite relationships 1393 insects 6598
2398	Diaporthe phaseolorum var. cau- livora, soyabeans 8215	Louisiana 1393
lawns and turf, diseases 873	Elettaria cardamomum, mycor-	Nematoda 874
Monilinia fructicola, cherries 916	rhizas 124	nitrogen metabolism 400
Venturia inaequalis, apples 5751,	Erwinia carotovora, potatoes 4332	plant competition 7735
6626	Erwinia carotovora subsp. atrosep-	reviews 399
fungicide tolerance	tica, potatoes 4332, 7936	seed production 2113
Penicillium italicum 3314 Uncinula necatrix 6284	Erwinia carotovora subsp. carotovora, potatoes 7936	seed treatment 6601 seeds 6600, 7736-7738
Venturia inaequalis 5750, 6625	Erysiphe graminis	survival 7736
Fenestella princeps	barley 2630, 4044	transmission 7737
ascospores 7268	cereals 737	barley yellow dwarf luteovirus
evolution 7268	Erysiphe pisi, peas 6044	France 3354
Fennel (see Foeniculum vulgare)	Fusarium, cereals 7436	vectors 3354
Fenpropidin	Fusarium culmorum, wheat 5584	Festuca pratensis
activity 7048	Fusarium equiseti, cauliflowers	Acremonium uncinatum
Nectria haematococca var. cucurbitae 6283	8143 Fusarium oxysporum f.sp. raphani,	Switzerland 4191 taxonomy 4191
control, wheat, diseases 6445	soil 7233-7234, 8145	Festuca rubra
fungicide tolerance, Erysiphe graminis	Fusarium oxysporum f.sp. vasinfec-	mycorrhizas
6480	tum, cotton 836	growth 2506
Fenpropimorph	Gaeumannomyces graminis var.	zinc 2506
activity 7048	tritici, wheat 3274, 4820	Fibre plants
Aspergillus nidulans 1721	Gibberella fujikuroi, rice 7614 Heterobasidion annosum, Picea	diseases books 3715
Cercospora beticola 2469	abies 4467	Tropics 3715
Nectria haematococca var.	Macrophomina phaseolina	Ficus, Xanthomonas campestris pv. fici,
cucurbitae 6283	Cicer arietinum 6088, 8271	Australia 5709
Pseudocercosporella herpo-	sorghum 5627	Ficus infectoria
trichoides 1722	Vigna radiata 1086	Elsinoë fici, Sikkim 4407
Pyrenophora teres 1722	Magnaporthe salvinii, rice 7613	Ophioceras indicus, Uttar Pradesh
Rhizoctonia 5295 wheat 3998	mycorrhizal fungi, soil 126 peas, diseases 6035	Fieberiella florii, transmission, apples,
control	Pelargonium, diseases 2712	mycoplasma-like organisms 3391
Alternaria porri, leeks 6922	Phoma sorghina, rice 4105	Field crops
Botrytis elliptica, Lilium 6586-6587	Phyllosticta, cloves 932	pesticides
cereals, diseases 2588	Phytophthora infestans, potatoes	application 4667
Erysiphe cichoracearum, chicory	5875	Germany 3222, 4667
6932	Picea, mycorrhizas 115	Figwort mosaic caulimovirus
Erysiphe graminis, wheat 745, 6459	pines, mycorrhizas 90, 5320 Polyporus, apples 902	molecular genetics 7384, 7386 nucleotide sequences 240
Leptosphaeria nodorum, wheat 4019	Puccinia hordei, barley 1974	Finland
Oidium, peas 6034	Puccinia melanocephala, sugarcane	apples, apple chlorotic leafspot virus
Pleospora betae, sugarbeet 5135	7967	2755
Puccinia cichorii, chicory 6932	Pyricularia oryzae, rice 2662	barley, Rhynchosporium secalis 4047
Puccinia striiformis, wheat 745	Pythium ultimum	cereals
Rhizoctonia solani, rape 5984	apples 4955	barley yellow dwarf luteovirus 729
wheat, diseases 6445	Pelargonium 7718 Ramulispora sorghi, sorghum 7571	diseases 7437 crops, diseases 2561
development 5300 fungicide residues, cereals 3755	Rhizomonas suberifaciens, lettuces	grasses, barley yellow dwarf luteovirus
fungicide tolerance, Erysiphe graminis	6103	729
6480	Sarocladium oryzae, rice 5659,	oats
phytotoxicity	7625	barley yellow dwarf luteovirus 4052
maize 5529	Sclerotinia sclerotiorum	Pythium 4054
wheat 5529	soil 7221 sunflowers 4307	pines acid rain 4457, 8107
seed treatment, sugarbeet 5135	Sullifowers 7507	4014 1411 TTO 14 01 01

Finland cont.	Flutolanil cont.	Forest trees cont.
pines cont.	control cont.	diseases
air pollution 5958	wheat, diseases 287	Himachal Pradesh 1489, 1529
Gremmeniella abietina 5950	Flutriafol	nurseries 2917-2918, 2920
mycorrhizas 63, 69, 1161, 6304	activity, wheat 6450	Ontario 512-523
Phacidium coniferarum 5949	control cereals, diseases 2588	Tropics 2917-2918, 2920-2921 USA 524-526
sulfur dioxide 6807 potatoes, potato mop top furovirus 943	Erysiphe graminis	wounds 1529
trees, cherry leaf roll nepovirus 3553	barley 6482	Heterobasidion annosum
wheat, Leptosphaeria nodorum 4022	wheat 6459	drought 979
Flammulina velutipes, Populus 4418	Gaeumannomyces graminis var.	Poland 979
Flavones, control, Botryosphaeria	tritici, wheat 5581	mycorrhizal fungi, inoculum 1750
dothidea, apples 4225	Mycosphaerella graminicola, wheat	mycorrhizas 85
Flax	6463	decline 76
Corticium rolfsii, control 2060	Oncobasidium theobromae, cocoa	ecology 1747
diseases	2572-2573	France 1186 India 64
breeding 355 control 4165	Pleospora betae, sugarbeet 5135 Septoria apiicola, celery 6836	inoculation 1186
nomenclature 3073	Tilletia laevis, wheat 4011	nurseries 78
Ukrainian SSR 4165	seed treatment, sugarbeet 5135	reviews 3795, 7107
Fusarium, biological control 6431	FO 123	roots 4684
Fusarium oxysporum	control	Tropics 62
biological control 5697	fruit trees, diseases 2738	Phelbopus sudanicus
colonization 5697	ornamental woody plants, diseases	mycorrhizas
strains 5697	2738	sclerotia 94
Fusarium oxysporum f.sp. lini, breed-	Fodder beet	Senegal 94
ing 4909	diseases	Phellinus weirii
Fusarium solani	breeding 8130 USSR 8130	British Columbia 548
biological control 5697 colonization 5697	storage decay	forecasting 527 stump removal 548
strains 5697	temperature 5736	USA 527
Melampsora lini	yield losses 5736	seedborne fungi, Ghana 4389
genetics 7693	Foeniculum vulgare	Forests
USSR 354	Chaetomium flavum	air pollution
varietal reactions 354	Andhra Pradesh 5822	books 4402
Pythium ultimum, control 2060	seeds 5822	ground vegetation 980
Rhizoctonia solani, control 2060	Chaetomium globosum	mycorrhizas 96
Sclerotinia sclerotiorum	Andhra Pradesh 5822	Poland 96, 1491
Romania 7410	seeds 5822	Ukrainian SSR 5099
seeds 7410	Chaetomium mororum Andhra Pradesh 5822	Armillaria
Flooding, control, soil fungi 1214 Fluazinam, biochemistry 1723	seeds 5822	New Zealand 8096 reviews 8096
Flumequine	Fusarium oxysporum f.sp. cumini, sus-	Armillaria lutea
control	ceptibility 453	heavy metals 528
Erwinia amylovora	Mycosphaerella anethi	Poland 528
apples 3379	ontogeny 4993	damping off, Tropics 8039
pears 3379, 3414, 4246	taxonomy 4993	decline
Fluorophenylmaleimides, antifungal proper-	Folicur, control, Diplocarpon rosae, roses	acid rain 2255
ties 7058	7726	aerial photography 5063
Flusilazole	Folpet	air pollution 1490, 4398, 8042
activity	control	assessment 6786
apples 4221 Cercospora beticola 2469	Botrytis cinerea, grapes 2834 Phomopsis viticola, grapes 2834	Austria 8042 climate 1492
Rhizoctonia 5295	Phytophthora, rubber 5026	endophytes 3555
Ustilago zeae 1715	Phytophthora meadii, rubber 7944	Europe 1482, 4404
wheat, diseases 3248	Venturia inaequalis, apples 897	frost 4392
control	soil treatment 2802	Germany 1496, 2255, 4392-439
barley, diseases 5593	Folsomia candida, activity, Geranium	4395-4398, 5062-5063
black currants, diseases 4258	robertianum, mycorrhizas 5336	Italy 1492-1493
Botryosphaeria obtusa, apples 1411	Foltaf, activity, Rhizoctonia solani 5061	mycorrhizas 674
Botrytis elliptica, Lilium 6587	Fomes annosus (see Heterobasidion	ozone 4395
Ceratocystis paradoxa, sugarcane	annosum)	research 4398
2221	Fomes geotropus, forest trees 1529 Fomes lamaoensis, tea 7973	reviews 1490
Erysiphe cichoracearum, chicory 6932	Fomitopsis pinicola, grapes 2844	satellites 5064 Switzerland 1494-1495, 4403
Erysiphe graminis, wheat 6459	Food	temperature 4393
Fusarium culmorum, wheat 4034	pesticide residues	dieback
Leptosphaeria nodorum, wheat 745,	Europe 5277	Australia 8032
6464	USA 5277	New Zealand 8032, 8044
Monilinia fructicola, cherries 916	Forest trees	Papua New Guinea 8032
Mycena citricolor, coffee 6552	Agrobacterium, strains 2453	diseases
Mycosphaerella graminicola, wheat	air pollution	Australia 8032, 8036
745, 6464	Bulgaria 2252	Azerbaidzhan SSR 2254
Puccinia cichorii, chicory 6932	physiology 4399	Canada 978, 1484, 1486
fungicide tolerance Pseudocercosporella herpo-	Armillaria forecasting 527	control, bibliographies 1483
trichoides 3984	USA 527	detection 8033 economics 8031
Venturia inaequalis 4952, 6625	Armillaria mellea	epidemiology 4387
Flutolanil	drought 979	Idaho 5935
activity, Rhizoctonia solani 5984	Poland 979	Montana 5934, 8037
control	charcoal rot	Nepal 5059
Corticium rolfsii	nurseries 1488	New Zealand 6785, 8031-8034,
Iris 6569	Tropics 1488	8036
Lilium 6569	Colletotrichum, Tropics 2922	Papua New Guinea 8032
Crinipellis perniciosa, cocoa 7422	Corticium rolfsii	quarantine 6785, 8036
Pythium, cucumbers 2997	nurseries 2916	reviews 4387
Rhizoctonia, cucumbers 2997 Rhizoctonia solani	Tropics 2916 decline	South Africa 4388
Euphorbia pulcherrima 860,	bibliographies 8046	surveys 8034 USA 1485
4180	Canada 8046	mycorrhizas 1155, 1185
ornamental plants 6567	mycorrhizas 76	air pollution 96

Forests cont.	France cont.	Fruit cont.
mycorrhizas cont.	cereals cont.	fungicide residues
ecology 4699	Gibberella 2584	detection 7041
Europe 4701	Pseudocercosporella herpo-	determination 6221
Netherlands 4701	trichoides 3984, 6439	pesticide residues, Germany 5310
Poland 96	Crataegus, Erwinia amylovora 3383	postharvest decay, biological control
research 4699	forest trees, mycorrhizas 1186	892
pesticides, usage 4386	grapes	storage decay, biological control 550
weeds, biological control 3065	Eutypa lata 4984, 6695	Fruit trees
Formaldehyde	grapevine fanleaf nepovirus 6688	diseases
activity, chicory, postharvest decay	Uncinula necator 4288	control 2739, 3371, 6272
4594	grasses, barley yellow dwarf luteovirus	injuries 2738
control	7731	pruning 2739, 3371
Corticium rolfsii, rubber 7944	greenhouse crops, diseases 2966	fungi
Fusarium oxysporum f.sp. narcissi,	lettuces, Sclerotinia minor 8290	control 423
Narcissus 7717	marrows, zucchini yellow mosaic	dispersal 423
Rhizoctonia solani, potatoes 2204	potyvirus 2989	Malaysia 423
Fortunella handsii, Phytophthora nico-	pastures, barley yellow dwarf luteovirus	mycorrhizas, usage 6318
tianae var. parasitica, resistance 4132	3354	viruses
Fosetyl	pears, Erwinia amylovora 2751, 3383,	certification 3373
fungicide residues, tomatoes 966	3425, 3429	control 3373
fungicide tolerance, Pythium apha-	Phaseolus vulgaris	Greece 2742
nidermatum 1148	Botrytis 5156	screening 2745
soil treatment 2718	Pseudomonas 5156	Spain 3373
Fosetyl aluminium	Picea abies	Fuberidazole
activity	air pollution 5959	activity, barley 776
mycorrhizas, maize 3834	decline 84	control
Phytophthora infestans 7064	mycorrhizas 84	
tomatoes 8014	pines	cereals, diseases 2588
Pythium aphanidermatum 7064	Crumenulopsis sororia var. meri-	Pleospora betae, sugarbeet 5135
control	dionale 1540	Puccinia striiformis, wheat 6457
Aphanomyces euteiches, peas 3620	Hebeloma crustuliniforme 83	Tilletia controversa, wheat 5571
Bremia lactucae, lettuces 4587		seed treatment
Erwinia amylovora	Laccaria laccata 83	sugarbeet 5135
apples 3377	Lactarius deliciosus 116	wheat 760, 5571
pears 3377	Suillus granulatus 116	Fubiging, control, Valsa ceratosperma,
Fulvia fulva, tomatoes 6771	plant diseases, legislation 58	apples 4227
grapes, diseases 47	plant protection 5246	Fulvia fulva
hops, diseases 47	Populus, Agrobacterium tumefaciens	DNA 8016
ornamental plants, diseases 2063	5944	tomatoes 691, 968, 971, 2902, 5055,
Phytophthora	soil, Gaeumannomyces graminis var.	6771, 7992
citrus 4129	tritici 5580	Fungi
mandarins 7663	tobacco, Erysiphe cichoracearum 7981	adhesion, cytology 6336
Phytophthora cactorum, apples	wheat	antagonism, plant pathogens 6179
4224	diseases 6444	biotechnology, books 6964
Phytophthora cambivora, chestnuts	Gaeumannomyces graminis var.	cryopreservation 2535
4411	tritici 5580, 6467	culture 6386
Phytophthora capsici, Capsicum	Frankliniella fusca	databases 6985
2410, 6926	interactions, cotton, diseases 4904	diagnosis, reviews 7088
Phytophthora cinnamomi	transmission, tomato spotted wilt virus	electron microscopy 6384
avocados 2810, 5788	263	fungicides, ultrastructure 6251
Rhododendron obtusum 390	Frankliniella occidentalis	genetic analysis, reviews 4720
Phytophthora citricola, avocados	epidemiology, Gibberella fujikuroi,	genetic transformation, reviews 4719
2810	maize 6502	herbaria 7153
Phytophthora nicotianae var. nico-	transmission, tomato spotted wilt virus	identification 1230
tianae, tobacco 5048	356, 1270, 4766, 6423, 6576	immunodiagnosis 2533
Phytophthora nicotianae var.	Frankliniella tritici, interactions, cotton,	India 6367-6368
parasitica, citrus 4133, 6536	diseases 4904	interactions, reviews 4721
Phytophthora palmivora	Fraxinus americana	metabolism, opines 2507
coconuts 7904	ash yellows	microscopy 2532
Piper betle 2168	decline 1503	nucleic acids 1196
Pseudoperonospora cubensis, mel-	drought 1503	nucleotide sequences 7153
ons 6850	histopathology 8054	preservation 3903, 5454
fungicide residues	mycoplasma-like organisms 1502-	reviews 7296
avocados 5792	1503, 8054	quarantine, reviews 7088
soil 5792	symptoms 8054	scanning electron microscopy 6383
fungicide tolerance, Pythium apha-	USA 1502	transmission, viruses 1242, 7333
nidermatum 5303	viruses, inoculation 2915	Tropics, books 6194
laboratory tests, translocation 3118	Fraxinus excelsior, cherry leaf roll	Fungicide tolerance
mode of action 8014	nepovirus, histopathology 5937	models 1883
phytotoxicity	Fraxinus pennsylvanica	molecular biology, reviews 6258
Citrus pennivesiculata 4130	Gnomoniella fraxini	plant pathogens 33
grapefruits 4134	identification 530	reviews 34
Foxtail mosaic potexvirus, nucleotide	taxonomy 530	Fungicides (see also Pesticides)
sequences 7366	Friesodielsia velutina	activity
Fragaria (see Strawberries)	plant extracts	Botrytis cinerea 3762
France	antibacterial agents 6260	cell membranes 1144
Abies, viruses 1002	antifungal agents 6260	disease resistance 3114
apples, Erwinia amylovora 2751, 3401	Fruit	mycorrhizal fungi 1753
apricots	diseases	mycorrhizas 154
mycoplasma-like organisms 3442	Austria 4947	plants 3742
plum pox potyvirus 3443	Belgium 6620	Plasmopara halstedii 2175
bamboos, Encoelia mollisioides 209	breeding 2125, 4204, 7764	wheat, phylloplane fungi 4001
biological control agents 6166	computer techniques 6619	application
Capsicum	control 4206, 4947, 5740	asparagus 5202
tobacco mosaic tobamovirus 8311	books 6189	reviews 42
tomato mosaic tobamovirus 8311	Germany 2125, 4204, 5740	atropisomers 46
cauliflowers, cauliflower mosaic cau-	integrated control 1927, 4629	binding site 6277
limovirus 3594-3595	Nigeria 1927	books 1700
cereals	resistance 6620	development 5288
Fusarium 2584	USSR 4787, 7764	evaluation 3739, 6256

Fungicides cont.	Fusarium cont.	Fusarium equiseti cont.
mixtures	Phaseolus vulgaris 6865	wheat 1965
Czechoslovakia 7036	Phoenix dactylifera 1441	Fusarium eumartii, Cicer arietinum 4572
fertilizers 7036	physiology 7186	Fusarium graminearum (see Gibberella
mode of action 7035	Picea glauca 4466	zeae)
monitoring 3122	pines 1004, 5948	Fusarium merismoides
nontarget effects	plant growth regulators 3857	China 1841
beneficial arthropods 5306	potatoes 938, 952, 2209, 3516, 3882,	soil 1829
books 30	4326-4327, 6722	taxonomy 1841
Cuba 3776	Pseudomonas, antagonism 2349	Fusarium moniliforme (see Gibberella
fungi 431	Pseudotsuga menziesii 4440	fujikuroi)
man 3779	rice 5648	Fusarium nivale (see Monographella
Nematoda 872	rubber 2219	nivalis)
soil microorganisms 3776	rye 2583, 3285, 3979	Fusarium oxysporum
production, USSR 3740	sesame 454	Abelmoschus esculentus 1107
registration, Hungary 47	soil 1829, 1929, 7202, 7225	activity, Colletotrichum orbiculare,
residues	sorghum 1354, 1929, 6511, 7575	watermelons 1589
detection 7041	soyabeans 611, 1929, 4548, 4550, 5174	Alternanthera sessilis 2064
	sunflowers 457	antagonism, Claviceps fusiformis 328
soil 3789		aubergines 643, 8119
stereochemistry, reviews 6254	taxonomy 1221, 1869, 3188, 3887-	bananas 2147, 4269-4270
structure activity relationships 6255,	3888, 7293	
6282	tea 4349	Capsicum 4602, 7198
surfactants, activity 1710	tomatoes 2899, 6431, 7992, 8008	carbon pathways 198
translocation, models 1704	toxins 3847-3848, 3859, 4731, 5453	carrots 6010
usage	books 3714	chicory 6934
Australia 2827-2828	triticale 2579, 3979	chromosome number 1853
Austria 4947	Vicia sativa 2736-2737, 4934	Cicer arietinum 4576
Switzerland 3788	water 7202	clovers 2727, 4928, 7747, 7749
UK 6252	wheat 1942, 1944, 2583, 2589, 2593,	Coniferae 550
USSR 2465, 3740	3248, 3254, 3979, 3990, 4002,	control
Furmecyclox	4826, 5429, 5530, 5543, 5585,	Fusarium
activity, Rhizoctonia solani 5984	6444, 7440, 7454, 7457	flax 6431
control, Rhizoctonia solani, rape 5984	Fusarium chlamydosporum	tomatoes 6431
Fusarium	conidia 2513	Fusarium oxysporum
Albizia julibrissin 2936	molecular genetics 6372	ornamental plants 3959
	soyabeans 3636	tomatoes 3959
antagonism, Fusarium oxysporum f.sp.	taxonomy 6372	Fusarium oxysporum f.sp.
dianthi 5967		
apples 4956	tomatoes 2244, 4385	cucumerinum, cucumbers 6023
aubergines 643	ultrastructure 2513	Fusarium oxysporum f.sp. radicis-
Azadirachta indica 2256	wheat 7451	lycopersici, tomatoes 3542
bananas 4978, 7824	Fusarium compactum, wheat 1965	Coriandrum sativum 7198
barley 1972, 2583, 5530, 5591, 7440	Fusarium crookwellense	cotton 4905
cabbages 8138	cereals 2585	cowpeas 8245
Calluna 2063	maize 1350, 1937	cucumbers 5148, 8163
Capsicum 5206, 5209	taxonomy 7185	Cucurbitaceae 6845
carnations 2089	toxins 7185	enzymes 688
carrots 2985, 8157	wheat 1303, 1937, 1965	Eucalyptus hybrida 720
cereals 277, 2584, 3882, 3980-3981,	Fusarium culmorum	faba beans 172
3989, 7431	Aegilops 5527	flax 5697
Cicer arietinum 1082, 4573	barley 315, 1973, 3991, 4831, 7518	ginger 7885
citrus 7653, 7662	cereals 6274	Gladiolus 5699, 6582
clovers 406, 2725, 2728, 2731, 4929,	enzymes 3852	grapes 2833
5429, 7753	genetic transformation 3856	groundnuts 8227
coconuts 465	Khuskia oryzae, antagonism 7181	Indian mustard 8144
coffee 4144	laboratory tests	Ixia 6585
conidia 3887-3888	difluoromethylornithine 4740	Jasminum 4184
Coniferae 1001, 4432, 4434	thicyofen 6271	Khuskia oryzae, antagonism 7181
control, Fusarium oxysporum f.sp.	lawns and turf 6599	laboratory tests
dianthi, carnations 6574	maize 4058, 7555	antibiotics 3128
cotton 835, 2051, 2683, 4904, 7680	Poa pratensis 6599	imidazoles 1719
cowpeas 3023	polyamines 5379	imidazotriazoles 7065
crops 1655, 3224	Rhododendron 7723	naphthyridines 1713, 7073
cucumbers 2349, 8163	soil 7518	oxadiazoles 1717
enzymes 3858	taxonomy 7185	pesticides 3870
Erica 2063	toxins 7185	plant extracts 7054
faba beans 3633, 6873	wheat 769-770, 1303-1305, 1308, 1965,	triazole fungicides 1724
flax 6431	2584, 2618, 3275, 3277, 3991,	lucerne 414, 882, 1401, 4197, 5726,
fruit trees 423	4029-4030, 4033-4034, 4792,	6608-6609
genetics 3161	4825, 5583-5584, 6449, 7435,	molecular genetics 1824, 3162
Gladiolus 2705, 6583	7451-7452, 7509	naphthoguinone 7205
groundnuts 4562, 8218, 8222	Fusarium equiseti	nucleotide sequences 3168
heterokaryosis 3161	aubergines 643	Parthenium argentatum 6706
hyperparasitism, Claviceps 3708	Capsicum 4602, 7198	Paulownia taiwaniana 3568
Juniperus 2063	cauliflowers 720, 5995, 5997, 8143	peas 3001, 6035
laboratory tests	Coriandrum sativum 7198	pines 8106
CGA 173506 6267	Cucurbitaceae 6845	potatoes 952, 2187
coumarins 1147	ginger 7882, 7885	Pseudotsuga menziesii 5090, 5109-
plant extracts 264	Khuskia oryzae, antagonism 7181	5110
lawns and turf 1394	Lablab purpureus 5123	Rhododendron 7723
lines 6535	laboratory tests, dithiocarbamate fungi-	Ricinus communis 5831
linseed 2059	cides 7070	roots 224
lucerne 2725, 4197, 5429, 5725	Parthenium argentatum 6706	safflower 7400
lupins 421, 7759	pawpaws 2154	soil 309, 3854, 5697, 8227
maize 1337, 1929, 2647, 3980, 3990,	Phoenix dactylifera 4315	sorghum 7572
4063-4065, 4853, 4859, 5608,	pumpkins 6028	soyabeans 5175
5614, 5620	soyabeans 1605, 3636	strains 3168
metabolites 5383	tobacco 4354	strawberries 5782
morphology 7186	tomatoes 2244	sugarbeet 5133
oats 2583, 4054	toxins 193, 1818, 1827	taxonomy 1853, 3188
pathogenicity 3858	Trigonella foenum-graecum 7198	tomatoes 969, 2244, 4385
peas 6037, 8179	vegetables 2315, 5123	Trichosanthes dioica 8119

Fusarium oxysporum cont.	Fusarium oxysporum f.sp. medicaginis,	Fusarium proliferatum cont.
Trigonella foenum-graecum 7198 tulips 5699	lucerne 4198	wheat 1965
turmeric 7887	Fusarium oxysporum f.sp. melongenae, aubergines 4605	Fusarium roseum clovers 3363
vegetables 1021, 2315	Fusarium oxysporum f.sp. melonis	potatoes 3498
watermelons 7231	melons 589, 1588, 2344, 3613, 6030,	tomatoes 7415
wheat 309, 1965, 7449, 7452 Fusarium oxysporum f.sp. albedinis	vegetative compatibility groups 590	Fusarium sambucinum var. coeruleum,
Phoenix dactylifera 2184, 5007, 7908	Fusarium oxysporum f.sp. narcissi, Narcis-	soyabeans 3636 Fusarium scirpi, Cucurbitaceae 6845
soil 7908	sus 2710, 6589, 7717	Fusarium semitectum var. majus, control,
Fusarium oxysporum f.sp. apii	Fusarium oxysporum f.sp. nicotianae,	Claviceps fusiformis, Pennisetum
celery 1093, 3602 soil 3602	tobacco 4361 Fusarium oxysporum f.sp. niveum	americanum 5636 Fusarium solani
Fusarium oxysporum f.sp. asparagi, aspar-	antagonism, Fusarium oxysporum f.sp.	Aleurites fordii 996
agus 638	cucumerinum 8175	antagonism, Alternaria solani 2907
Fusarium oxysporum f.sp. basilicum, Ocimum basilicum 6710	Fusarium oxysporum f.sp. cucumer-	aubergines 643, 1104-1105, 2418
Fusarium oxysporum f.sp. betae, sugarbeet	inum, antagonism 8175 watermelons 2353, 2991, 4509, 8168,	bananas 4978 biological control 6428
4490	8172, 8175	Caesalpinia bonduc 3965
Fusarium oxysporum f.sp. cepae, onions	Fusarium oxysporum f.sp. officinalis,	Canavalia ensiformis 6909
4589, 6923 Fusarium oxysporum f.sp. ciceris	asparagus 8304 Fusarium oxysporum f.sp. phaseoli, Phase-	Capsicum 2407, 4602, 7198, 8312
Cicer arietinum 2380, 2384, 3140,	olus vulgaris 1058, 8192	cauliflowers 5996 Cicer arietinum 2380, 4572, 6092,
4572-4573, 6099, 6912, 8269-	Fusarium oxysporum f.sp. pini, pines 1008	8280
8270, 8273-8275, 8280, 8283	Fusarium oxysporum f.sp. pisi	clovers 4928, 7749
soil 8270 Fusarium oxysporum f.sp. cubense	laboratory tests, disinfection 3861 peas 596, 1053, 3004, 4525, 4527,	Colocasia esculenta 1643, 2425
bananas 442, 2149, 2815, 3459-3461,	5152, 6041, 6859	Coriandrum sativum 7198 cowpeas 3022
3464-3468, 4271, 5793, 7826	Fusarium oxysporum f.sp. psidii, guavas	cucumbers 8163
culture 1813	4979	Cucumis melo var. momordica 8169
genetics 3462 pathotypes 3462	Fusarium oxysporum f.sp. radicis- lycopersici	Cucurbitaceae 6845
population genetics 3463	tomatoes 1472, 1475-1477, 3542, 3544,	enzymes 1819, 4732 Eucalyptus camaldulensis 1512
soil 3875	5923, 6769, 8011	faba beans 8201-8202
Fusarium oxysporum f.sp. cucumerinum	Trichoderma, antagonism 3166 Fusarium oxysporum f.sp. raphani	flax 5697
antagonism, Fusarium oxysporum f.sp. niveum 8175	radishes 8145	ginger 461, 7881, 7885-7886
cucumbers 1587, 6023, 8161, 8165,	soil 7233-7234, 8145	groundnuts 8227 Jasminum 4184
8175	Fusarium oxysporum f.sp. ricini, Ricinus	laboratory tests
Fusarium oxysporum f.sp. niveum, antagonism 8175	communis 2848 Fusarium oxysporum f.sp. sesami, sesame	antifungal agents 5297
soil 7218	4998	pesticides 3870
spore germination 7220	Fusarium oxysporum f.sp. spinaciae, spin-	phosphorothioates 4674 thiazolotriazoles 7067
Fusarium oxysporum s.sp. cumini	ach 4491	limes 7669
Coriandrum sativum 453 Cuminum cyminum 453, 4990-4991,	Fusarium oxysporum f.sp. trifolii, clovers 4930	lucerne 414, 1401, 5726, 6608
5824, 7858	Fusarium oxysporum f.sp. tulipae, tulips	maize 4057
Foeniculum vulgare 453	6594	mangoes 2151 metabolites 7207
Trigonella foenum-graecum 453	Fusarium oxysporum f.sp. vasinfectum cotton 836, 1378, 2054, 3465, 4161,	mutants 4732
Fusarium oxysporum f.sp. cyclaminis, Cyclamen 859, 2700, 3959, 4172	5686, 6559-6561, 7681	naphthoquinone 7205
Fusarium oxysporum f.sp. dianthi	races 1817	nucleotide sequences 1819 onions 636, 3033
carnations 369, 850-851, 2088, 2699,	secondary metabolites 1817	opines 2507
3327, 3329, 3959, 3964, 4172, 4174-4175, 4913, 5704-5705,	taxonomy 1817 viruses 7393	Panax pseudoginseng 5851, 7896
6574-6575, 7397	Fusarium oxysporum f.sp. zingiberi, ginger	Parthenium argentatum 6706
Fusarium, antagonism 5967	933, 7881	Paulownia taiwaniana 3568 peas 2357, 3004, 4525, 4527, 6041
melons 5967	Fusarium oxysporum var. orthoceras, wheat 7451	Pelargonium 2712-2713
pathotypes 7708  Pseudomonas, antagonism 850	Fusarium pallidoroseum	Phaseolus vulgaris 6047-6048, 6853
radishes 5967	Capsicum 4602, 7198	Pisolithus tinctorius, antagonism 7105
Fusarium oxysporum f.sp. elaeidis, oil	carrots 6010	Pythium acanthophoron, hyperparasitism 461
palms 1440, 7905-7907	Coriandrum sativum 7198 cotton 720	soil 203, 5697, 8227
Fusarium oxysporum f.sp. gladioli, Gladi- olus 2694, 2704	Cucurbitaceae 6845	soyabeans 613, 2368, 3016-3017, 3636,
Fusarium oxysporum f.sp. lentis, lentils	groundnuts 625, 4563	4550, 8212
1621, 4581, 6097	India 5417	spore germination 7154 strawberries 5782
Fusarium oxysporum f.sp. lilii, Lilium 7716	mangoes 720 melons 6031	sugarbeet 5133, 5975
Fusarium oxysporum f.sp. lini	oil palms 3494	tobacco 4354
flax 4909	Piper betle 1436	tomatoes 4385, 8019
soil 1211	rice 720, 2584	Trigonella foenum-graecum 7198 turmeric 6711
Fusarium oxysporum f.sp. lycopersici Azotobacter chroococcum, antagonism	sorghum 7572 soyabeans 3636, 4550	vegetables 2315
8010	tomatoes 4385	Fusarium solani f.sp. aleuritidis, Aleurites
Bacillus, antagonism 8010	Trigonella foenum-graecum 7198	fordii 3565
Capsicum 2407	turmeric 720	Fusarium solani f.sp. cucurbitae squashes 6849
enzymes 50 Geotrichum candidum, antagonism	Vigna mungo 6094 wheat 1965	Trichoderma pseudokoningii, antago-
7151	Fusarium poae	nism 6849
laboratory tests	bananas 4272	Fusarium solani f.sp. phaseoli
diterpenoids 6259	cereals 7436 conidia 2513	cowpeas 8249 Phaseolus vulgaris 5159, 8192-8193
ozone 1571 phenolic compounds 1720	molecular genetics 6372	Fusarium solani f.sp. pisi
Lycopersicon pennellii 4375	Orchidaceae 2099	enzymes 1203
soil 5053	taxonomy 6372	laboratory tests, phytoalexins 7152
spore germination 1720	ultrastructure 2513 wheat 1965	peas 1592, 8182 Pythium oligandrum, antagonism 8182
tomatoes 1473-1474, 3465, 3543, 3959, 4373-4375, 5053-5054, 5922,	Fusarium proliferatum	spore germination 7220
6762-6763, 6768, 7397, 7991,	asparagus 1094	Xanthomonas campestris, antagonism
8009-8012	maize 2584	7030

Fusarium solani var. coeruleum	Ganoderma cantharelloideum	Geotrichum candidum cont.
Colocasia esculenta 1643	China 1854	antagonism cont.
potatoes 721, 2857, 2874	taxonomy 1854	Fusarium oxysporum f.sp. lycoper-
soil 2857 Fusarium sporotrichioides	Ganoderma lucidum coconuts 4314	sici 7151 Penicillium italicum 7151
bananas 7824	Quercus 2265	citrus 2676, 6537
barley 5592	Ganoderma mediosinense	Docynia indica 7709
biological control 5372	China 1219	ginger 5843
carrots 2985	taxonomy 1219	laboratory tests, cytochalasins 7
cereals 7436 conidia 2513	Ganoderma microsporum, Salix babylonica 2272	oranges 3312 Pisolithus tinctorius, antagonism 7105
Drechslera, antagonism 7430	Ganoderma mirivelutinum	tomatoes 2244, 5926
Epicoccum, antagonism 7430	China 1219	Geranium robertianum
maize 4857	taxonomy 1219	mycorrhizas
metabolites 5385	Ganoderma philippii, rubber 2219	growth 5336 insects 5336
molecular genetics 6372 taxonomy 6372	Ganoderma pseudoferreum (see	phosphorus 5336
toxins 5372, 7430	Ganoderma philippii) Ganoderma simaoense	Gerbera
ultrastructure 2513	China 1219	Botrytis cinerea
wheat 1965, 7452	taxonomy 1219	culture media 3336
Fusarium tricinctum conidia 2513	Ganoderma sinense	spore traps 3336 Germany
molecular genetics 6372	China 1219 taxonomy 1219	Abies, viruses 1002
taxonomy 6372	Ganoderma stratoideum	Abies alba
ultrastructure 2513	China 1837	decline 2283-2284, 4438, 5091
Fusarium tumidum, tea 6743	taxonomy 1837	mycorrhizas 101, 3809
Fusarium udum	Ganoderma xingyiense	sulfur dioxide 2283-2284  Acer pseudoplatanus, Diplodina acer-
enzymes 5402 pigeon peas 2379, 6089, 8268, 8279,	China 1837	ina 3555
8284	taxonomy 1837 Garlic	Aphyllophorales 3181
Fusicoccin, activity, Corydalis	diseases	apples
sempervirens 7189	India 7405	diseases 3388
Fusicoccum	reviews 7405	Podosphaera leucotricha 2470 Venturia inaequalis 2470
Albizia julibrissin 2278 Populus 991	garlic latent virus	barley
Pueraria phaseoloides 5027	detection 2397, 5197	diseases 2621, 7435
rubber 5027	Japan 5197 garlic mosaic virus	leaf spots 3284
Taiwania flousiana 2280	immunodiagnosis 6105	ozone 7435
Fytolan (see Copper oxychloride) G 696	selection 6105	Puccinia hordei 1970 Pyrenophora teres 5599
control	mycorrhizas	Rhynchosporium secalis 1970
Tilletia indica, wheat 1958	IAA 681	viruses 6421
Tilletia laevis, wheat 4011	temperature 681 onion yellow dwarf potyvirus	Betula pendula, cherry leaf roll
Gaeumannomyces graminis	detection 2397	nepovirus 3553
Aegilops 5527	Siberia 5198	Brassica oleracea, Encoelia mol- lisioides 209
bacteria, antagonism 2127 barley 1938	plant extracts, antifungal agents 264,	carnations, Fusarium oxysporum f.sp.
cereals 2582	1828, 2019, 4580, 5066, 5244,	dianthi 4913
rye 1938, 3285	6667 plant oils, antibacterial agents 7012	cereals
wheat 1301, 1938, 2589, 3243, 3273,	Sclerotium cepivorum, soil solarization	barley yellow dwarf luteovirus 728
6468, 7500	8301	diseases 2587-2588  Pseudocercosporella herpo-
Gaeumannomyces graminis var. avenae, oats 6488	storage decay	trichoides 6439
Gaeumannomyces graminis var. graminis	control 1091	cherries
Cynodon 7734	yield losses 2311 thiram, mitosis 1090	Leucostoma 5773
genetic transformation 3156	viruses	Leucostoma persoonii 2797
grasses 3355 wheat 286, 1302	Queensland 2395	Pseudomonas syringae 2797 Valsa 5773
Gaeumannomyces graminis var. maydis,	Siberia 6916	chrysanthemums, Puccinia horiana 857
maize 7565	varietal reactions 6916	сгорѕ
Gaeumannomyces graminis var. tritici	Garlic latent virus	diseases 1268, 5502
barley 3986	Allium chinense 2396, 8297 chives 2397	quarantine 3221
genetic transformation 3156 oats 6488	garlic 2397, 5197	viruses 2543 Dipsacaceae, <i>Ustilago</i> 3182
rye 731, 3986	leeks 2397	Fagus sylvatica
soil 308, 5580	onions 2397	cherry leaf roll nepovirus 3553
wheat 287, 308, 731, 1300, 3254, 3271,	Garlie mosaic virus, garlie 6105	decline 5068
3274, 3986, 4003, 4024-4025,	Garlic yellow streak potyvirus, garlic 2395 Gastrodia elata	Nectria coccinea 981
4820-4821, 5540, 5580-5581, 6467 Gaeumannomyces incrustans	Armillaria mellea, symbiosis 4921	field crops, pesticides 3222, 4667 forests, decline 529, 1482, 1496, 2255,
grasses 3355	Mycena osmundicola	4392-4393, 4395-4398, 5062-5063
Poa pratensis 3357	mycorrhizas	fruit
Galactomyces	China 1796	diseases 2125, 4204, 5740
proteins 218	seed germination 1796 symbiosis 4921	pesticide residues 5310
taxonomy 218  Galactomyces citri-aurantii, soil 3195	Gautieria, soil, mycorrhizas 7112	grapes, Agrobacterium tumefaciens 92 grasses, diseases 4190
Gambleola corunta, Mahonia 7250	Gentiana	greenhouse crops, diseases 6424
Gamma radiation	broad bean wilt fabavirus	Lactarius rufus, fallout 5316
activity	identification 4916	larch, decline 4437
Alternaria tenuissima 7788	Japan 4916 cucumber mosaic cucumovirus	maize
Botrytis cinerea 7788 Colletotrichum musae 6671	identification 4916	maize dwarf mosaic potyvirus 4850 root rots 5612
Erwinia 7007	Japan 4916	stalk rot 5612
Penicillium expansum 7788	Geomyces laevis, identification 1815	sugarcane mosaic potyvirus 4850
Rhizopus stolonifer 7788	Geotrichum	viruses 2637
Ganoderma, Acacia auriculiformis 4408 Ganoderma albimarginatum	proteins 218 taxonomy 218	mycorrhizal fungi, fallout 5316
Ganoderma albimarginatum China 1837	Geotrichum candidum	oats, diseases 4844 onions
taxonomy 1837	antagonism	Botrytis 3671
Ganoderma applanatum, Quercus 2265	Aspergillus flavus 7151	Botrytis allii 3672
Ganoderma australe, rain forests 6378	Botrytis allii 7151	Botrytis cinerea 3672

Germany cont.	Gibberella acuminata cont.	Gibberella pulicaris cont.
onions cont.	soil 309	lucerne 1401
diseases 3668-3669	soyabeans 1605	maize 4065
ornamental plants pesticides 3748	sugarbeet 5133 tobacco 4354	metabolism 4725
viruses 846	wheat 1965	methoxsalen 196
ozone, monitoring 658	Gibberella avenacea	parsnips 196 phytoalexins 4725
Papaver, Pleospora papaveracea 4994	carrots 2985	potatoes 2873, 5882
pesticides	cereals 1274, 7436	soil 1274
drinking water 2476-2477	clovers 1398, 2727	Zanthoxylum bungeanum 997
groundwater 2477	Khuskia oryzae, antagonism 7181	Gibberella zeae
legislation 2481, 4670, 5284-5285,	lucerne 414, 1401	Aegilops 5527
7040, 7050	Medicago 309, 1306	Agropyron 4035
nontarget effects 2481, 6219, 7049	Medicago truncatula 1307	barley 3987, 7440
registration 3115, 4668, 4670 residues 5279	soil 309, 1274	calcium 4739
usage 7049	sugarbeet 5133 wheat 1306-1308, 1965, 4030	carnations 370, 7418 cereals 1274, 7436
Picea abies	Gibberella baccata	culture 1820
acid fog 2950-2956, 2960, 3055-	cauliflowers 5995, 5997	enzymes 3852
3056	Khuskia oryzae, antagonism 7181	gene expression 194
acid mist 2957-2959, 2961	sweet potatoes 1110, 6130	ginger 7885
air pollution 1562, 3584	Gibberella cyanogena, potatoes 721, 5856	growth 4739, 5384
decline 1563, 1565, 2938, 2949-	Gibberella fujikuroi	Khuskia oryzae, antagonism 7181
2950, 4394, 4437-4438, 4460,	antagonism, Setosphaeria turcica 6510	laboratory tests
4473-4474, 5960-5961, 6810, 8113-8114	aubergines 643, 8119	edifenphos 1730, 3124
frost injury 561	Capsicum 2411, 4602, 5208, 7198 carrots 6010	thicyofen 6271
mycorrhizas 101, 3134	Cicer arietinum 6091	maize 795, 1339, 1350, 1937, 1993, 1999, 2642, 3985, 3988, 4058,
ozone 2950-2961, 3055-3056, 6809	Coriandrum sativum 7198	4065, 6274, 7418, 7553, 7555
Trichoderma viride 8109	cotton 348, 4160	Medicago 1306
pines, decline 2938, 2946-2948, 3582,	cucumbers 8163	Medicago truncatula 1307
4394	Cucumis melo var. momordica 8169	metabolites 5362
plant diseases, legislation 58, 2480	Cucurbitaceae 6845	morphology 1820, 4739, 5384
plant protection 36-37, 5242	Dracaena marginata 847	phosphatidylinositides 7204
legislation 1134	enzymes 1208, 5396-5397, 6343	rice 3987
Polygonum bistorta, Ustilago	garlic 1091	rye 3985
marginalis 3183 potatoes	genetic transformation 5395	soil 309, 1274, 7219
Fusarium solani var. coeruleum	genetics 185 gibberellic acid 7171	soyabeans 1605, 3636 sporulation 7175
2874	gibberellins 7170	sterol sulfates 5394
Phytophthora infestans 947, 2865-	ginger 7885	taxonomy 7185
2867, 3506-3508, 5873	Jasminum 4184	toxins 194, 2528, 7185
potato spindle tuber viroid 2856	laboratory tests	chromatography 4756
Synchytrium endobioticum 5021	plant extracts 7056	triticale 3985
viruses 468, 6421, 6715, 7916	tsibulins 57	wheat 309, 768, 771, 774, 1303, 1306-
Quercus petraea, decline 4415	lucerne 5726	1310, 1937, 1964-1965, 2584,
Francisha graminia 4840	maize 320-321, 796, 1339, 1345, 1992-	3275, 3985, 3988, 4029-4032,
Erysiphe graminis 4849 viruses 4845	1993, 2584, 3287, 3289, 4058, 4312, 5616, 6501-6503, 7553-	4035-4036, 4823-4824, 4827-4828, 5547, 5587, 6470, 7440, 7450,
Sambucus nigra, Microsphaera van-	7555, 7562	7452, 7506-7508
bruntiana var. sambuci-racemosae	metabolism 7171	Gibberellic acid, control, potatoes,
4427	mushrooms 8293	mycoplasma-like organisms 5017
Sambucus racemosa, Microsphaera	mutants 6341	Gigaspora
vanbruntiana var. sambuci-	oil palms 3494	Amaranthaceae, mycorrhizas 5349
racemosae 4427	pawpaws 2154	clovers, mycorrhizas 3822
soil, Agrobacterium tumefaciens 929	Pennisetum americanum 2653, 3300	crops, mycorrhizas 131
sugarbeet, viruses 2971, 6421	Phaseolus vulgaris 4532	Phleum pratense, mycorrhizas 1784
sulfur dioxide, monitoring 658 sunflowers, Macrophomina phaseolina	pigmentation 185	taxonomy 3826  Gigaspora albida, desert plants, mycor-
7879	pines 557 protoplasts 1807	rhizas 162
Thlaspi perfoliatum, Peronospora	rice 1369, 2019, 2664-2665, 4091,	Gigaspora calospora
thlaspeos-perfoliati 4744	4888-4889, 5657, 6274, 7614-7616	Cicer arietinum, mycorrhizas 678
tomatoes, Oidium lycopersicum 2906	Rottboellia cochinchinensis 6138	Cuminum cyminum, mycorrhizas 7858
trees, sodium chloride 3554	Salsola kali 6929	maize, mycorrhizas 6330
vegetables, pesticide residues 5310	sesame 4304	onions, mycorrhizas 680
viruses, vectors 4763	soil fungistasis 202	Pennisetum americanum, mycorrhizas
wheat	sorghum 802, 3295, 5626, 5631, 7572	4715
diseases 2596, 5544, 7435 Erysiphe graminis 4816	soyabeans 1605, 3016, 3636	pigeon peas, mycorrhizas 139 sorghum, mycorrhizas 4715
Gaeumannomyces graminis var.	spore germination 1201 sugarcane 485, 488, 3526, 4340, 5030	Vigna radiata, mycorrhizas 6330
tritici 4821	sunflowers 7874	Gigaspora coralloidea, Elettaria
Leptosphaeria nodorum 306	toxins 1821, 4730	cardamomum, mycorrhizas 124
mineral deficiencies 6472	Trichosanthes dioica 8119	Gigaspora decipiens
Mycosphaerella graminicola 4020	Trigonella foenum-graecum 7198	bananas, mycorrhizas 6329
ozone 7435	turmeric 7887	soil, mycorrhizas 3143
Pseudocercosporella herpo-	ultrastructure 5365	spores 170
trichoides 767	vegetables 1021, 2315	taxonomy 170 Gigaspora gigantea, soil, mycorrhizas 3143
Xerocomus badius, fallout 5316 Ghana	Vigna radiata 6084	Gigaspora heterogama, bananas, mycor-
COCO2	wheat 7448, 7452 Gibberella fujikuroi var. subglutinans	rhizas 6329
Phytophthora 268	Capsicum 7198	Gigaspora margarita
Phytophthora palmivora 271	Coriandrum sativum 7198	Acacia nilotica, mycorrhizas 164
cowpeas, diseases 3023	maize 321, 4065	carrots, mycorrhizas 176
forest trees, seedborne fungi 4389	mangoes 720	clovers, mycorrhizas 1189
Gibberella	pineapples 6682	Dactylis glomerata, mycorrhizas 7091
cereals 2584	pines 555, 1547, 3577, 4454, 5957,	maize, mycorrhizas 6330
laboratory tests, CGA 173506 6267	6801 Trigonalla foenum-graecum 7198	onions, mycorrhizas 1789  Paspalum notatum, mycorrhizas 1770
Gibberella acuminata lucerne 1401	Trigonella foenum-graecum 7198 wheat 1965	pawpaws, mycorrhizas 135
Medicago 309	Gibberella pulicaris	Pueraria phaseoloides, mycorrhizas
potatoes 3517	cereals 1274	167

Gigaspora margarita cont.	Gliocladium roseum	Glomerella cingulata cont.
soil, mycorrhizas 3143	control	nucleotide sequences 3892
soyabeans, mycorrhizas 151, 1760	Botrytis cinerea	oil palms 3496
storage 5335	strawberries 6664	olives 7838
strawberries, mycorrhizas 1778	tulips 6595	onions 6920
Stylosanthes guianensis, mycorrhizas	Verticillium dahliae, potatoes 6729	oranges 5675
6327	detection 700 hyperparasitism 3901	Panax notoginseng 4310, 5005 pawpaws 2154, 4278, 5799
trees, mycorrhizas 6299		pears 5765
Vigna radiata, mycorrhizas 6330	potatoes 5884	persimmons 6685
Gigaspora nigra, soil, mycorrhizas 3832	Gliocladium virens	Phaseolus vulgaris 4539
Ginger  Fungation Himachal Bradesh 7885	antagonism	phylogeny 3892
Fusarium, Himachal Pradesh 7885	Botrytis cinerea 7194 Rhizoctonia solani 3308, 7194	Piper betle 5826, 7860
Fusarium equiseti, enzymes 7882	Sclerotium cepivorum 7194	Pseudomonas, antagonism 2124
Fusarium oxysporum f.sp. zingiberi transmission 933	control	restriction fragment length polymor-
varietal reactions 933	Corticium rolfsii, Phaseolus vul-	phism 1878
Fusarium solani	garis 2362	Rhododendron 7723
control 7886	Macrophomina phaseolina	rubber 2220, 7946, 7949, 7952
hyperparasites 461	sunflowers 3957	strawberries 1420
pathogenicity 7886	Vigna radiata 3957	Stylosanthes 887, 1405
Geotrichum candidum, Orissa 5843	plant pathogens 4785	Stylosanthes guianensis 886, 890-891,
plant extracts, antifungal agents 6084	Rhizoctonia solani 6986, 7304	2124
Pseudomonas solanacearum, Indonesia	Cunninghamia lanceolata 2304	Stylosanthes hamata 6616
7853	root rots, crops 7413	Stylosanthes scabra 890, 4202
Pythium	sesame, diseases 454	taxonomy 1878, 3892
control 5845, 7886	fungicide tolerance 2362, 5382	tomatoes 2220
pathogenicity 7886	genetic transformation 5382	Vaccinium 6655
Pythium aphanidermatum	growth 5386	vitamins 5381
control 7891	mutants 2362	yams 8322
Kerala 2178	nutrients 7194	Glomerella cingulata f.sp. camelliae,
Pythium myriotylum, hyperparasites	spore germination 7194	Camellia 7704
461	Globe artichokes	Glomerella gossypii, cotton 5685
Pythium pleroticum, enzymes 7882	artichoke latent virus, control 6114	Glomerella miyabaena, Salix 3564
root rot	artichoke mottled crinkle tombusvirus	Glomerella tucumanensis, sugarcane 484,
Kerala 7881	detection 6925	961, 2884, 3526, 4344-4345, 5033-
pathogenicity 7881	satellite RNA 6925	5034, 5896, 7960-7962
	Leveillula taurica	Glomus
Ginkgo biloba air pollution	culture 3969	Amaranthaceae, mycorrhizas 5349
damage 3571	infection 3969	asparagus, mycorrhizas 5351
leaves 5121	potato X potexvirus, Tunisia 1092	avocados, mycorrhizas 2500
Tennessee 5121	Sclerotinia sclerotiorum, Italy 6928	clovers
Cylindrocladium crotalariae, pathoge-	Verticillium dahliae, varietal reactions	control 3821
nicity 2090	6930	mycorrhizas 3822, 6328
Gladiolus	Gloeocercospora sorghi, sorghum 1354,	coffee, mycorrhizas 7127
bean yellow mosaic potyvirus	1356	control, Pythium ultimum, cucumbers
characteristics 380	Gloeocystidiellum odontoides, taxonomy	6026
corms 381	3883	crops, mycorrhizas 131
		cucumbers, mycorrhizas 6026
detection 381, 2093 epidemiology 382	Gloeodes pomigena, apples 6622, 7772 Gloeophyllum trabeum, enzymes 2310	culture, reviews 5352
Italy 382	Gloeosporium limetticola	lupins, mycorrhizas 5342
RNA 2093	citrus 7662	maize, mycorrhizas 4709
USSR 380	oranges 7666-7667	onions, mycorrhizas 680
cucumber mosaic cucumovirus	Gloeosporium musarum (see Colleto-	Phaseolus vulgaris, mycorrhizas 6322
control 2094	trichum musae)	Quercus acutissima, mycorrhizas 4687
corms 381	Gloeosporium olivarum, olives 6686	soil, mycorrhizas 149
detection 381	Glomales, taxonomy 3826	soyabeans, mycorrhizas 160, 4709
elimination 6580	Glomerella cingulata	strawberries, mycorrhizas 2498
epidemiology 382	Aleurites montana 999	taxonomy 3826
Italy 382	Amomum subulatum 931	trees, mycorrhizas 2499
diseases, Italy 5699	apples 2760, 5756	Glomus aggregatum
Fusarium	Artocarpus altilis 5801	culture 3823
control 2705, 6583	asparagus 638	Cymbopogon martinii var. motia,
India 2705	avocados 4267-4268	mycorrhizas 3823, 6325
varietal reactions 2705	Bacillus, antagonism 2124	Leucaena leucocephala, mycorrhizas
Fusarium oxysporum, detection 6582	Bacillus megaterium, antagonism 6290	7119
Fusarium oxysporum f.sp. gladioli	blackberries 6668	pineapples, mycorrhizas 6331
biochemistry 2704	Caesalpinia bonduc 3965	Glomus albidum, soil, mycorrhizas 3143
varietal reactions 2704	Capsicum 6120	Glomus caledonium
mycoplasma-like organisms	chives 6920	Acacia nilotica, mycorrhizas 5328
DNA probes 2556	Cinnamomum zeylanicum 935	China 7123
epidemiology 382	citrus 4139, 7662	clovers, mycorrhizas 682
Italy 382	cocoa 3236	maize, mycorrhizas 6330
Stromatinia gladioli	coffee 833, 4156-4157, 6540-6541,	rice, mycorrhizas 1191
testing 6581	6550-6551, 7676-7678	soyabeans, mycorrhizas 1760
varietal reactions 6581	Coriandrum sativum 452, 2165, 4989,	strawberries, mycorrhizas 1778
Uromyces transversalis	6697	tomatoes, mycorrhizas 2248
		Vigna radiata, mycorrhizas 6330
resistance 7712 ultrastructure 7712	Dieffenbachia amoena 1387 grapes 2161, 3475, 4293	Glomus citricola, citrus, mycorrhizas 1767
viruses	grapes 2101, 3473, 4293 guavas 4979	Glomus clarum
	jute 5698	
cytoplasmic inclusions 4171 ultrastructure 4171	laboratory tests	groundnuts, mycorrhizas 7124 soil, mycorrhizas 1765
Gliocladium	compatibility 5399	sorghum, mycorrhizas 5348
antagonism	enactins 4681	sugarcane, mycorrhizas 5348
Colletotrichum musae 6671	phosphazomycins 56	sweet potatoes, mycorrhizas 5348
Pleurotus 1089	phytoalexins 7152	Glomus constrictum
control	vitamins 6697	avocados, mycorrhizas 2500
Phytophthora cactorum, apples 900	lemons 7661	Canada 3185
Rhizoctonia solani, chrysanthe-	Leucaena leucocephala 6796	China 7123
mums 856	limes 4140	Cicer arietinum, mycorrhizas 678, 3140
Gliocladium catenulatum, hyperparasitism,	Macrocarpium officinale 2935	pigeon peas, mycorrhizas 139
Rhizoctonia solani 692	mangoes 922	Glomus coronatum, taxonomy 3830

cherries, mycorrhizas 1783

Glomus deserticola Glomus intraradices cont. Glomus occultum cont. Capsicum, mycorrhizas 4705 cotton, mycorrhizas 6559 roses, mycorrhizas 1786 lucerne, mycorrhizas 1788 Glomus diaphanum, China 7123 onions, mycorrhizas 680, 5333 Glomus dimorphicum Paspalum notatum, mycorrhizas 1770 roses, mycorrhizas 1787 soil, mycorrhizas 1765 barley, mycorrhizas 6326 clovers, mycorrhizas 6326 lucerne, mycorrhizas 6326 sorghum, mycorrhizas 7131 maize, mycorrhizas 6326 sour oranges, mycorrhizas 4706 storage 5335 onions, mycorrhizas 6326 Phaseolus vulgaris, mycorrhizas 6326 strawberries, mycorrhizas 3141 trees, mycorrhizas 137 protozoa, hyperparasitism 7145 trees, mycorrhizas 137 Glomus macrocarpum Glomus epigaeum (see Glomus versiforme) Acacia auriculiformis, mycorrhizas 4707 Glomus etunicatum Acacia auriculiformis, mycorrhizas 4707 avocados, mycorrhizas 2500 bananas, mycorrhizas 6329 Acacia nilotica, mycorrhizas 1187 desert plants, mycorrhizas 162 cucumbers, mycorrhizas 6026 Elettaria cardamomum, mycorrhizas Leucaena leucocephala, mycorrhizas 124 1187 onions, mycorrhizas 680 maize, mycorrhizas 5345 Phaseolus vulgaris, mycorrhizas 6047onions, mycorrhizas 1789 6048 Phleum pratense, mycorrhizas 1784 plants, mycorrhizas 7224 Phaseolus vulgaris, mycorrhizas 3818 soil, mycorrhizas 5345 soyabeans, mycorrhizas 3820, 6320 soyabeans, mycorrhizas 138 sweet potatoes, mycorrhizas 5330 strawberries, mycorrhizas 1778, 2498 Glomus fasciculatum Stylosanthes guianensis, mycorrhizas Acacia auriculiformis, mycorrhizas 6327 4707 Glomus manihotis, soil, mycorrhizas 3143 Acacia nilotica, mycorrhizas 164 Glomus margarita, sesame, mycorrhizas Alnus glutinosa, mycorrhizas 5338 3144 Glomus merredum, Calliandra calothyrsus, mycorrhizas 5328 asparagus, mycorrhizas 7149 aubergines, mycorrhizas 141, 146 Glomus microcarpum, Phleum pratense, avocados, mycorrhizas 2500 Casuarina equisetifolia, mycorrhizas mycorrhizas 1784 2502 Glomus monosporum Chloris gayana, mycorrhizas 5353 Cicer arietinum, mycorrhizas 678 clovers, mycorrhizas 171 appressoria 7141 bananas, mycorrhizas 6316 Cicer arietinum, mycorrhizas 3140 onions, mycorrhizas 680 cocoa, mycorrhizas 7118 sesame, mycorrhizas 3144 cowpeas, mycorrhizas 129 cucumbers, mycorrhizas 168 tobacco, mycorrhizas 7982 Cuminum cyminum, mycorrhizas 7858 Glomus mosseae Acacia auriculiformis, mycorrhizas 4707 Cycas circinalis, mycorrhizas 1791 Dalbergia sissoo, mycorrhizas 165 Acacia cyanophylla, mycorrhizas 1175 desert plants, mycorrhizas 122, 162 Elettaria cardamomum, mycorrhizas Acacia nilotica, mycorrhizas 1187, 124 Eleusine coracana, mycorrhizas 2503 enzymes 7138 Artemisia dracunculus, mycorrhizas 5339 Leucaena leucocephala, mycorrhizas bananas, mycorrhizas 6316 150 China 7123 Liriodendron tulipifera, mycorrhizas Cicer arietinum, mycorrhizas 3140 1763 citrus, mycorrhizas 7128 maize, mycorrhizas 163, 3815, 5345, cotton, mycorrhizas 6559 6330 Cuminum cyminum, mycorrhizas 7858 Cycas circinalis, mycorrhizas 1791 mandarins, mycorrhizas 7125 nitrogen 6333 Dactylis glomerata, mycorrhizas 7091 desert plants, mycorrhizas 122, 162 enzymes 4711, 7138 onions, mycorrhizas 157, 171 pawpaws, mycorrhizas 135

Phleum pratense, mycorrhizas 1784
pigeon peas, mycorrhizas 144, 3833,
4710 leeks, mycorrhizas 675, 5347 Leucaena leucocephala, mycorrhizas 1187 Liriodendron tulipifera, mycorrhizas Piper nigrum, mycorrhizas 5355 Plantago major, mycorrhizas 1771 plants, mycorrhizas 7224 1763 maize, mycorrhizas 3815, 5313, 5345 potatoes, mycorrhizas 142 rice, mycorrhizas 5331 Melilotus officinalis, mycorrhizas 2505 Ocimum basilicum, mycorrhizas 5339 sesame, mycorrhizas 3144 soil, mycorrhizas 5345 pawpaws, mycorrhizas 135 Phleum pratense, mycorrhizas 1784 soyabeans, mycorrhizas 132, 151, 1760, pigeon peas, mycorrhizas 7121 pistachios, mycorrhizas 5340 6320 potatoes, mycorrhizas 142, 7150 sweet potatoes, mycorrhizas 3817 taxonomy 3145 Salvia officinalis, mycorrhizas 5339 Sequoia sempervirens, mycorrhizas 1762 tomatoes, mycorrhizas 130, 7148 trees, mycorrhizas 137, 6299 soil, mycorrhizas 5345 Vigna aconitifolia, mycorrhizas 5354 soyabeans, mycorrhizas 151, 6066, 7146 Vigna mungo, mycorrhizas 140 Vigna radiata, mycorrhizas 134, 6330 spore germination 2501, 5344 storage 5335 wheat, mycorrhizas 161, 1793 Glomus fistulosum, taxonomy 1774 Glomus fragilistratum, taxonomy 1774 sweet potatoes, mycorrhizas 3817 Tagetes erecta, mycorrhizas 6317 Glomus fuegianum, bananas, mycorrhizas 6329 Thymus vulgaris, mycorrhizas 5339 trees, mycorrhizas 6299 variation 1192 Glomus gerdemannii, Dactylis glomerata, mycorrhizas 7091 weathering 4685 Glomus intraradices apples, mycorrhizas 1783 Glomus occultum Acacia nilotica, mycorrhizas 1187 China 7123 Bromus inermis, mycorrhizas 1788

Leucaena leucocephala, mycorrhizas 1187 maize, mycorrhizas 3815 soil, mycorrhizas 1765 Glomus pulvinatum, soil, mycorrhizas 3143 Glomus velum, Calliandra calothyrsus, mycorrhizas 5328 Glomus versiforme apples, mycorrhizas 7117 barley, mycorrhizas 676 China 7123 cowpeas, mycorrhizas 129 DNA 7140 leeks, mycorrhizas 5346 spores 7140 strawberries, mycorrhizas 2498 Glomus vesiculiferum, onions, mycorrhizas Glutaraldehyde, control, Fusarium oxysporum f.sp. narcissi, Narcissus Glyceollin, activity, Phytophthora megasperma f.sp. glycinea 181 Glycine max (see Soyabeans) Glycosides, activity, tobacco mosaic tobamovirus, tomatoes 4367, 6765 Glycyrrhiza glabra, plant extracts, antiviral agents 6416 Glyphosate activity, Colletotrichum lindemuthianum, Phaseolus vulgaris 6053 control Calonectria crotalariae, soyabeans 8211 mulberries, dwarf 7816 Gnetum scandens, Botryodiplodia the-obromae, India 7243 Gnomonia platani Platanus acerifolia 1514 Platanus occidentalis 1514 Platanus orientalis 1514 Gnomonia rubi, blackberries 6668 Gnomonia setacea, Alnus rubra 8080 Gnomoniella fraxini, Fraxinus pennsylvanica 530 Gnomoniella tubaeformis, Alnus rubra 8080 Godronia cassandrae, Vaccinium 3450, 6655 Gomphidius viscidus, pines, mycorrhizas 2293 Gomphrena globosa Alternaria gomphrenae control 5710 Massachusetts 5710 seeds 5710 yield losses 5710 Botryodiplodia theobromae, India 7243 potato X potexvirus, plant extracts Gonatobotrys, sorghum 6511 Gonatobotrys ramosa, sorghum 3298 Gonostegia pentandra viruses inclusion bodies 3917 Taiwan 3917 Goodyera repens Ceratobasidium cereale, mycorrhizas mycorrhizas, nutrition 3147 Gooseberries Sphaerotheca mors-uvae control 5778 symptoms 5778 Gossypium (see Cotton) Gramineae (see also Grasses) Acremonium, isoenzymes 3356 Helminthosporium genetics 6429 reviews 6429 Puccinia coronata, Czechoslovakia 4189 Typhula ishikariensis biotypes 1276 Japan 1276 Uredinales, China 7259 Ustilaginales, taxonomy 3353 Verticillium dahliae microsclerotia 5505 survival 5505

Graminella nigrifrons, transmission, maize	Grapes cont.	Grapes cont.
chlorotic dwarf machlovirus 5611,	diseases cont.	Plasmopara viticola cont.
6415	computer techniques 2826	breeding 4285, 7841, 7845
Graminella sonora, transmission, maize	control 47, 449, 2825-2827, 2831-	Bulgaria 6692
chlorotic dwarf machlovirus 5611	2832, 3475, 4207, 4282, 4980,	control 1428, 2836, 3958, 4286,
Grammothele fuligo, wood 4481	5807, 6272, 7842	6266
Frapefruits	forecasting 449, 3472	environmental factors 2835, 5814
Diaporthe citri, control 4126	Hungary 449	epidemiology 5814
Geotrichum candidum	integrated control 3472	forecasting 3472, 7848
predisposition 2676	New South Wales 2829	fungicide residues 3772
storage 2676	New York 2825	Indian Punjab 7847
Mycosphaerella citri	quarantine 7839	Italy 2835
control 4126, 4137-4138	reviews 7839	plant extracts 3958
Florida 4137-4138	Santa Catarina 7842	South Australia 4286
Phytophthora, fungicides 4134	South Australia 2830-2832	spore germination 2835
Phytophthora nicotianae vat. parasitica	USA 3475	Sri Lanka 5814
control 4133	USSR 4282, 4980, 6691	testing 7846
Florida 4133	varietal reactions 6691	varietal reactions 7847
storage disorders, control 1375	Washington 5807	yield losses 6692
Xanthomonas campestris pv. citri	Elsinoë ampelina	postharvest decay, control 6694
population dynamics 6539	Andhra Pradesh 1430	Pseudocercospora viticis
strains 6539	biology 2162	environmental factors 928
Xanthomonas campestris pv. citrumelo	control 5819	Indian Punjab 928
population dynamics 6539	environmental factors 1430	varietal reactions 928
strains 6539	India 5817	storage decay
Frapes	Indian Punjab 5819	control 2158, 5811
Agrobacterium tumefaciens	overwintering 2162	temperature 7844
biotypes 929	varietal reactions 5817	Uncinula necator
biovars 4986	Eutypa lata	Australia 2837
control 4296	Austria 4984	breeding 7841
detection 4295	biological control 3481	control 2837-2838, 4982, 5815,
enzymes 4986	France 4984, 6695	6273
Germany 929	flavescence dorée	epidemiology 2160
inoculation 7852	Italy 2155	France 4288
isolates 6696	mycoplasma-like organisms 2155	fungicide tolerance 4288
Japan 1431	vectors 2155	hyperparasitism 2159
latent infections 4295	Fomitopsis pinicola	India 5815
Mississippi 6696	control 2844	infection 450, 4287
pathogenicity 4986	varietal reactions 2844	models 3478
rootstocks 4985	fungi, amino nitrogen 7843	Portugal 4288
spread 7852	fungicides, persistence 925	spore germination 4287
translocation 930	Glomerella cingulata	sporulation 2160, 3477, 4982
varietal reactions 4296, 4985	China 2161	temperature 3477, 4982
	pathogenicity 4293	varietal reactions 1429, 3477, 498
Agrobacterium vitis, taxonomy 3482	plant age 4293	viroids, Italy 5810
	resistance 2161	viruses
Alternaria, Yugoslavia 3476	Taiwan 4293	Arab countries 923
Botrytis cinerea	grapevine fanleaf nepovirus	breeding 6688
Australia 2841		France 6688
biological control 4290	breeding 6688	immunodiagnosis 5808
California 3479	detection 6690	research 6689
control 927, 2834, 2840-2842, 3479,	DNA probes 6690 France 6688	
4291, 6269, 6693	Nematoda 4283	South Africa 2824
environmental factors 2842, 3479		spread 2824
enzymes 4289	grapevine leaf roll closterovirus	transmission 2156-2157
exudates 2843	Europe 4284	Xanthomonas campestris pv. viticola
fungicide residues 7849	immunodiagnosis 3474	India 5821
fungicide tolerance 451, 2840	isolates 3474	Xylella fastidiosa
host parasite relationships 2843,	Middle East 4284	culture media 5820
5816	serology 4284	isolation 5820
immunodiagnosis 4983	Turkey 7840	Grapevine A virus, grapes 2824
Italy 7849	varietal reactions 7840	Grapevine chrome mosaic nepovirus
metabolism 7850	grapevine phloem-limited isometric	detection 3197
New Zealand 2840	virus	nucleotide sequences 257-258
pathogenesis 4289	characteristics 2823	RNA 3197
pathogenesis-related proteins 5816	Italy 2823	Grapevine corky bark virus, grapes 2824
polysaccharides 4289	Tunisia 2823	Grapevine fanleaf nepovirus
South Africa 6693	grapevine stem pitting associated	grapes 4283, 5808, 6688, 6690
storage 4291, 6693	closterovirus	nucleotide sequences 3939
sulfur dioxide 926	strains 924	proteins 5487
testing 2839	symptoms 924	Grapevine leaf roll closterovirus
varietal reactions 926, 3480	Greeneria uvicola	grapes 2156, 2824, 3474, 4284, 7840
Victoria 2842	Taiwan 4294	immunodiagnosis 3473
Yugoslavia 3476	varietal reactions 4294	monoclonal antibodies 3473
bud necrosis	Guignardia bidwellii	Grapevine phloem-limited isometric virus,
California 4297	economics of control 262	grapes 2823
shading 4297	Ohio 262	Grapevine stem pitting associated closter-
chlorosis, Switzerland 1432	legno riccio	ovirus, grapes 924
Cladosporium, Yugoslavia 3476	Italy 5809	Grapevine viroid 2, grapes 5810
Cochliobolus lunatus var. aeria, bio-	varietal reactions 5809	Grapevine yellow speckle viroid, grapes
chemistry 5818	mycorrhizas, Czechoslovakia 1781	5810
Coniella diplodiella	Phomopsis viticola	Grasses (see also Gramineae)
China 4292	control 2834, 3967	Acremonium, taxonomy 3359
resistance 4292	postharvest decay 3967	barley yellow dwarf luteovirus
dieback	phytoalexins, molecular genetics 5812	California 6435
fungi 2833	Phytophthora cambivora	Finland 729
South Africa 2833	enzymes 7851	France 7731
diseases	gene expression 7851	hosts 729
Arab countries 719	phytoalexins 7851	reservoir hosts 6435
Australia 2826-2827	Plasmopara viticola	reviews 5719
Austria 3472	Australia 2836, 6266	Tasmania 7730
California 4207	Brazil 7848	vectors 729

Grasses cont.	Grewia asiatica cont.	Groundnuts cont.
diseases, Germany 4190	Heteroconium asiaticum cont.	Fusarium pallidoroseum cont.
endophytes, isolation, reviews 6393	Uttar Pradesh 7253	physiology 625
maize chlorotic dwarf machlovirus, vec-	Griseofulvin	Glomus clarum
tors 6415	control	mycorrhizas
Morchella, mycorrhizas 7115	Phomopsis psidii, guavas 3967	growth 7124
Puccinia, evolution 2109	Phomopsis viticola, grapes 3967	nitrogen fixation 7124
root rots	Groundnut rosette assistor luteovirus,	groundnut rosette virus
Florida 3355	groundnuts 1610	Africa 8221
fungi 3355	Groundnut rosette virus, groundnuts 1610,	genetics 2373
Scutellospora biornata, mycorrhizas	2373, 3644, 6882, 6885-6886, 8221	Malawi 6885
1772	Groundnuts	satellite RNA 3644
Uromyces, evolution 2109	Alternaria tenuissima	symptoms 3644
Grasslands	control 618, 8223	testing 2373
diseases	Karnataka 618	transmission 6885
UK 1392	varietal reactions 618	Indian peanut clump furovirus, trans
yield losses 1392	vitamins 619	mission 5182
mycorrhizas	Aspergillus flavus	Macrophomina phaseolina
seasonal variation 5341	aflatoxins 1075	amino acids 1613
sulfur dioxide 1190	control 1073, 1612, 8225	culture 4564
UK 5341	Egypt 1075	isolates 1613, 4564
Greece	infection 6893	mycorrhizas
apples	models 6077	
Erwinia amylovora 3385	polypeptides 3648	genotypes 4714
viruses 2741	seeds 1612	growth 145, 4714
apricots, plum pox potyvirus 3444		nitrogen 6321
	soil temperature 6077	phosphorus 4714, 6321
aromatic plants, Armillaria mellea	storage 1073, 1075, 1612, 8225	plant density 4714
1434	toxins 622, 1073, 1612, 6077	varietal reactions 6321
cereals	varietal reactions 622, 3648	Mycosphaerella arachidis
diseases 279	water stress 622	breeding 2374, 4557
Fusarium 2584	Aspergillus nidulans, India 6074	Cameroon 4558
Gibberella 2584	Aspergillus niger	control 3643, 4560, 6268
cherries, epirus cherry virus 3449	control 4561-4562, 6079, 8225	fertilizers 4560
chestnuts, Phytophthora cambivora	fungicide tolerance 1615	genetics 1070, 3649
4411	India 4562	hyperparasites 1072
Convolvulus arvensis	seed treatment 1615	India 1072, 6889
Phoma 4617	seeds 6079	induced mutations 1070
Septoria 4617	storage 8225	intercropping 4558
crops, diseases 3952	Aspergillus parasiticus	resistance 3649
fruit trees, viruses 2742	control 1073, 1612	Thailand 3649
Laurus nobilis, air pollution 2708	infection 6893	varietal reactions 6889
lemons, Deuterophoma tracheiphila	polypeptides 3648	yield losses 3643
5672	seeds 1612	Mycosphaerella berkeleyi
medicinal plants, Armillaria mellea	storage 1073, 1612	anatomy 6078
	toxins 622, 1073, 1612	biochemistry 1071, 6076
melons, Alternaria alternata f.sp.	varietal reactions 622, 3648	breeding 2374, 4557
cucurbitae 2345	water stress 622	Cameroon 4558
nectarines, plum pox potyvirus 3440	Cercospora, control 4486	control 38, 626, 3643, 4560, 6268
pears	Corticium rolfsii	6888, 6890
Erwinia amylovora 3385	biological control 4785	defence mechanisms 6078
viruses 2741	control 1074, 1617, 4562, 6892,	fertilizers 4560
plant diseases, legislation 58	8224	genetics 1070, 3649
soil	India 4562	hyperparasites 1072
fungi 7224	nitrogen fixation 1614	India 1072
mycorrhizal fungi 7224	tillage 1617	induced mutations 1070
stone fruits, viruses 2741	USA 1074	intercropping 4558
tomatoes, Verticillium dahliae 4380	varietal reactions 1076	Korea Republic 626
Green manures, control, peas, root rots	cowpea mild mottle carlavirus	resistance 624, 1071, 3649
4527	control 1611	screening 8228
Greeneria uvicola, grapes 3475, 4294	Papua New Guinea 1611	stomata 624
Greenhouse crops	Cylindrocladium crotalariae	testing 6073
diseases	epidemiology 3645	Thailand 3649
biological control 260, 6424	inoculum density 3647	varietal reactions 4556, 6076
control 571	North Carolina 3645, 3647	yield losses 3643, 6888
Czechoslovakia 260	varietal reactions 3645, 3647	peanut stripe potyvirus
France 2966	diseases	China 1068
Germany 6424	Andhra Pradesh 1067	detection 617
integrated control 2966	assessment 621	India 4555, 8220
Japan 7417	control 1656, 6884, 8222	monoclonal antibodies 617
soil solarization 7417	epidemiology 4559	Myanmar 4555
		plant composition 1069
methyl bromide, fungicide residues 3759	forecasting 7302 Guinea 6882	seed testing 1068
		seeds 4555, 6891
tomato spotted wilt virus indicator species 1270	India 3961, 7302	USA 1068
	Ivory Coast 4559	
Oklahoma 5515	Niger 8222	Phytophthora megasperma, pathoger
transmission 1270	prohibitins 6072	sis-related proteins 2375
Greenland	reviews 4552	Pseudomonas solanacearum
Betula pubescens	Tropics 4552	Australia 8238
fungi 2926	Vietnam 6883	breeding 6895, 8231, 8233, 8235
mycorrhizas 2926	yield losses 4559	China 6895, 8233-8235, 8240
Gremmeniella abietina	Zambia 8217	conferences 8241
detection 223	fungi	control 8240
pines 1000, 1534, 1543, 5950	ethylene 8227	environmental factors 8234
quarantine 223	fungicides 5184	geographical distribution 8230
Gremmeniella abietina var. balsamea,	pathogenicity 4563	identification 8232
Picea mariana 1560	Fusarium	Indonesia 8239
Grevillea robusta, Acremonium per-	control 4562	monoclonal antibodies 8232
sicinum, India 6743	Georgia 8218	research 8229
Grewia asiatica	India 4562	seeds 6896, 8239
Heteroconium asiaticum	Fusarium pallidoroseum	Sri Lanka 8236
taxonomy 7253	control 625	strains 8230
Junoining 1200	***************************************	

roundnuts cont.	Guavas cont.	Heat treatment cont.
Pseudomonas solanacearum cont.	phylloplane fungi cont.	control cont.
temperature 8238	succession 4979	Gremmeniella abietina, pines 100
Uganda 8237	Phytophthora nicotianae var. parasitica	potato leaf roll luteovirus, potatoe
varietal reactions 6895	control 7830 Uttar Pradesh 7830	2192 Sclerotinia sclerotiorum, soil 3874
yield losses 8235 Puccinia arachidis	postharvest decay	Ustilago scitaminea, sugarcane
breeding 2374	control 6675	5895
control 3643, 4560, 6268, 6888	India 6675	viruses, pineapples 7837
environmental factors 3019-3020	Rhizoctonia solani, control 5795	Xanthomonas campestris pv. tran
fertilizers 4560	Guayule (see Parthenium argentatum)	lucens, barley 788
forecasting 6075	Guazatine	Heavy metals, activity, Cochliobolus
genetics 3649	control Fusarium culmorum, wheat 4034	sativus, wheat 7496  Hebeloma
hyperparasites 1072 India 1072, 3018, 6075	Geotrichum candidum, tomatoes	Fagus sylvatica, mycorrhizas 2483
models 620	5926	Picea abies, mycorrhizas 80, 2483
resistance 3649	tomatoes, storage decay 8004	Hebeloma arenosa, pines, mycorrhizas 7:
screening 8228	Venturia inaequalis, apples 6626	7098-7099
spread 3018	seed treatment, Ricinus communis	Hebeloma crustuliniforme
Thailand 3649	7867	Betula pendula, mycorrhizas 6305
yield losses 3643, 6888 Pythium, control 1077	Guignardia India 1860	biochemistry 1749 growth 1752
Pythium myriotylum, varietal reactions	taxonomy 1860	identification 104
1076	Guignardia bidwellii, grapes 262, 719,	inoculum 106
Rhizoctonia solani	2825, 3475	Picea sitchensis, mycorrhizas 6314
biological control 4785, 5183	Guinea	pines, mycorrhizas 68, 83, 2486, 6312
control 1074, 1077, 1617, 6892	groundnuts, diseases 6882	7100
proteins 8226	rice, rice yellow mottle virus 7590	Pseudotsuga menziesii, mycorrhizas
tillage 1617 USA 1074	Guizotia abyssinica, diseases, India 3961 Gymnosporangium clavipes, apples 4948	4691, 6303 Quercus robur, mycorrhizas 1168
Rhizopus oryzae, India 3646	Gymnosporangium fuscum	restriction fragment length polymor-
rosette, resistance 1610	Juniperus 904	phism 104
Sclerotinia minor	pears 904, 4938	soil bacteria 1752
control 623, 1074	Gymnosporangium globosum, apples 4948	Hebeloma cylindrosporum
seeds 623	Gymnosporangium juniperi-virginianae	enzymes 5323
USA 1074	apples 3394, 4948, 7769-7770	pines, mycorrhizas 97
Sclerotinia sclerotiorum, Georgia 4500	spore germination 7156 ultrastructure 7156	tryptophan 5322
seedborne fungi control 1616	Gymnosporangium nootkatense, Chamae-	Hebeloma sinapizans, pines, mycorrhiza: 6310
seed germination 7400	cyparis nootkatensis 8117	Hebeloma westraliense
toxins 7400	Gymnosporia spinosa	Allocasuarina, mycorrhizas 5325
seedborne organisms	Pseudocercospora gymnosporiae	Eucalyptus, mycorrhizas 5325
India 3131	India 221	Hedera helix, Xanthomonas campestris
quarantine 3131	taxonomy 221	pv. hederae, Portugal 6947
Thielaviopsis basicola infection 6894	Gynura aurantiaca citrus exocortis viroid	Helenium S carlavirus coat proteins 2553
seeds 6894	calcium 7381	nucleotide sequences 7328
tomato spotted wilt virus	ethephon 1260	RNA 2553
control 6887	induced resistance 1260	Helianthemum nummularium, mycor-
Georgia 8218	interactions 1261	rhizas, Czechoslovakia 109
India 4553	pathogenesis-related proteins 1260	Helianthus annuus (see Sunflowers)
symptoms 6887	protoplasts 7381	Helianthus tuberosus
transmission 4553 vectors 6887	symptoms 1261 potato spindle tuber viroid	diseases, nomenclature 3073  Puccinia helianthi, Pakistan 7247
Virginia 4554	interactions 1261	Helicobasidium brebissonii, cabbages
viruses	symptoms 1261	4484
Africa 8221	Gypsophila paniculata	Helicobasidium mompa, apples 4943
Andhra Pradesh 3642	diseases, soil treatment 4182	Helicoceras longisporum, Cactaceae 570
seeds 3642	Erwinia herbicola	Helicoma vaccinii, Vaccinium elliottii
transmission 3642 Zambia 6886	detection 3337 DNA probes 3337	2137  Helicoverpa zea, interactions, Aspergillu
witches' brooms, transmission 8219	strains 3337	flavus, maize 2000
roundwater	Gyromitra	Heliotropium indicum, Sphaerotheca
fungicides, residues 29	taxonomy 3894	fuliginea, India 8331
pesticides, residues 55	ultrastructure 3894	Helminthosporium
rowing media	Halacrinate, control, Pleospora betae,	Euphorbia heterophylla 4621
Phytophthora	sugarbeet 5135  Halophytophthora, taxonomy 4748	Gramineae 6429
soil water 3175 sporulation 3174-3175	Haloxylon ammodendron, Uromyces	laboratory tests, CGA 173506 6267 lawns and turf 1394
suppression 3174	sydowii, China 2274	maize 5608
uadeloupe, tomatoes, Pseudomonas	Hansfordia pulvinata, control, Fulvia	wheat 1942
solanacearum 1481	fulva, tomatoes 6771	Helminthosporium euphorbiae, taxonom
uam, plant diseases 4628	Hapalophragmium derridis, Derris 205	1862
uatemala 7834	Hazelnuts (see Corylus avellana)	Helminthosporium maydis (see Cochliol
bananas, postharvest decay 7824 Rottboellia cochinchinensis, Gibberella	Heat treatment control	lus heterostrophus)  Helminthosporium oryzae (see Cochliob
fujikuroi 6138	apple chlorotic leafspot virus, apples	lus miyabeanus)
uavas	3389	Helminthosporium sativum (see Coch-
Cercospora psidii	apple stem grooving capillovirus,	liobolus sativus)
control 4274	apples 3389	Helminthosporium solani, potatoes 473
India 4274 Pestalotia psidii	apples, scald 2128	Helminthosporium teres (see Pyrenopho teres)
control 5794, 7415	Botrytis cinerea carnations 5702	Helminthosporium turcicum (see
hosts 5794	roses 5702	Setosphaeria turcica)
storage 7415	Ceratocystis paradoxa, sugarcane	Hemileia vastatrix, coffee 702, 1376-13
Pestalotiopsis versicolor, control 5795	6739	2041-2050, 2681-2682, 3316, 4148-
Phomopsis psidii control 3967	Erwinia amylovora	4155, 5683, 6541, 6545-6549, 7677
postharvest decay 3967	apples 3380 pears 3380	Hemine, activity, Pseudomonas syringae 5680
phylloplane fungi	pome fruits 894	Hendersonula, Zanthoxylum bungeanun
India 4979	Fusarium oxysporum f.sp. pisi 596	997

Fusarium oxysporum f.sp. pisi 596

Herbicides	Hibiscus esculentus (see Abelmoschus	Hot water treatment cont.
activity For	esculentus)	control cont.
Acremonium coenophialum, Fes- tuca arundinacea 4925	Hibiscus sabdariffa, Phytophthora nico- tianae var. parasitica, control 4910	Monilinia laxa, apples 7783 soil fungi 3861
Corticium rolfsii 310	Hibiscus yellow vein mosaic virus,	sugarcane mosaic potyvirus, sugar
sugarbeet 5975	Abelmoschus esculentus 8315	cane 483, 7957
Fusarium oxysporum, soyabeans 5175	Hippeastrum mosaic potyvirus, characteris- tics 6418	sweet potatoes, storage decay 461
Fusarium oxysporum f.sp. lycoper-	Hirschioporus vellereus, Zanthoxylum	Xanthomonas albilineans, sugar- cane 962
sici, soil 5053	bungeanum 997	seed treatment
Fusarium oxysporum f.sp. vasinfec- tum, cotton 4161	Hishimonus sellatus, transmission, Ziziphus sativa, mycoplasma-like	groundnuts 6883
Fusarium solani, sugarbeet 5975	organisms 6683	Leguminosae 6853 Medicago 1306
Gaeumannomyces graminis, wheat	Histiogaster carpio, interactions,	wheat 1306
1301 maize, mycorrhizas 5345	Cryphonectria parasitica, chestnuts 534	Humulus (see Hops)
Phytophthora cinnamomi, pines	Hohenbuehelia barbatula, antagonism,	Hungary
5954	Crinipellis perniciosa 2567	Ampelomyces quisqualis 7262 Asclepias syriaca, cucumber mosaic
Picea glauca, mycorrhizas 670 pines, mycorrhizas 670, 1167	Homalodisca coagulata, transmission, Xylella fastidiosa 346, 7794	cucumovirus 8327
plant diseases 3743	Homeopathic drugs	fungicides, registration 47
Pseudocercosporella herpo-	activity, seedborne fungi, wheat 7449	grapes, diseases 449 maize, maize dwarf mosaic potyvirus
trichoides 3999 Rhizoctonia cerealis 3999	control guavas, storage decay 7415	2640
Rhizoctonia solani, cotton 2058	mangoes, storage decay 7415	mycorrhizas, research 7116
soil, mycorrhizas 5345	tomatoes, storage decay 7415	pesticides, registration 6218
soil fungi, cotton 4161 sorghum, mycorrhizas 7131	seed treatment, wheat 7449  Honduras	quinces, Roesleria hypogaea 7789 soil, Sclerotinia sclerotiorum 6990
biodegradation, mycorrhizal fungi 102	bananas, Fusarium oxysporum f.sp.	Uredinales 7263
control	cubense 3467	wheat, foot and root rot 7457
Calonectria crotalariae, soyabeans 8211	sorghum, diseases 2007	Hyacinth mosaic potyvirus, hyacinths 41 Hyacinths
peas, diseases 4530	Honeybees, transmission, Erwinia amylovora 3102, 4648	viruses
nontarget effects, soil fungi 3870	Hop latent viroid, hops 1433	cytoplasmic inclusions 4171
Herpotrichia mellettiae, taxonomy, India	Hop stunt viroid, grapes 5810	ultrastructure 4171
1849 Heterobasidion annosum	Hopea odorata mycorrhizas	Hydnellum concrescens, Picea abies, mycorrhizas 3134
Abies alba 3573	growth 61	Hydrangea, mycoplasma-like organisms,
basidiospores 7286	Indonesia 61	DNA probes 2556
conidia 7286 forest trees 979, 1529	Hops American hop latent virus, elimination	Hydrangea macrophylla distortion
genetics 7270-7271	4298	aetiology 7713
intersterility groups 4728	Chaetomium globosum, India 7239	environmental factors 7713
isoenzymes 4728 Picea abies 4467	diseases, control 47 hop latent viroid	mycoplasma-like organisms Italy 3338
pines 1535, 2299, 2941, 8099-8100	UK 1433	ultrastructure 3338
soil bacteria, antagonism 8100	varietal reactions 1433	Hydrangea ringspot potexvirus, serology
soil fungi, antagonism 8100 taxonomy 7270-7271, 7281	Pseudoperonospora humuli forecasting 4987	7343
ultrastructure 7281	models 4299	Hydrazones activity
Heterobasidion araucariae	spore dispersal 4987	Aspergillus flavus 1712
New Zealand 214 taxonomy 214	Washington 4299 viruses, micropropagation 2845	Aspergillus niger 1712
Heteroconium asiaticum, Grewia asiatica	Hordeum	Hydrilla verticillata, Macrophomina phaseolina, biological control 1651
7253	endophytes	Hydrogen peroxide
Heterodera cajani interactions	gene banks 3283 seeds 3283	activity, Picea abies 1561
cowpeas, mycorrhizas 129	Hordeum mosaic virus, wheat 3978	control, Fusarium oxysporum f.sp. narcissi, Narcissus 7717
Fusarium solani, cowpeas 3022	Hordeum vulgare (see Barley)	seed treatment
Heterodera glycines, interactions, Fusarium solani, soyabeans 613	Horse chestnut (see Aesculus hippocastanum)	asparagus 638
Heterodera zeae, interactions,	Horsegram yellow mosaic geminivirus,	Cicer arietinum 2389 Hydroxyethylphosphinic acid
Cephalosporium maydis, maize 6504	India 7332	activity
Heteropogon contortus, phylloplane fungi, India 2111	Horseradish, Verticillium dahliae, Italy 6708	Phytophthora capsici 6278
Hexacap	Horses, transmission, Acremonium coe-	Phytophthora infestans 6278 Pseudoperonospora cubensis 6278
control	nophialum 7737	Hydroxyquinoline benzoate, activity,
Botrytis cinerea, Cicer arietinum 8267	Horticultural crops, soil treatment, Belgium 3962	mycorrhizal fungi 4695
Gloeodes pomigena, apples 7772	Host parasite relationships	Hydroxyquinoline sulfate, activity,
Schizothyrium pomi, apples 7772	genetics 3074, 3898	Xanthomonas campestris pv. pelargonii, Pelargonium 4922
Hexaconazole activity, Rhizoctonia 665	reviews 6966 molecular genetics, reviews 4641	Hydroxystilbenes, activity, Botrytis ciner
control	plasma membranes, reviews 3075	689
Crinipellis perniciosa, cocoa 7422	reviews 6176, 6978, 6980	Hymenaea courbaril, Pestalotia subcutic laris, histopathology 3566
Exobasidium vexans, tea 3529 Hemileia vastatrix, coffee 2682	tissue culture, reviews 5240  Hot water treatment	Hymenoscyphus ericae
Leptosphaeria nodorum, wheat	activity, Gladiolus 6583	Calluna vulgaris, mycorrhizas 1798-
6464	control	1799, 5356 chitin 59
Mycosphaerella berkeleyi, ground- nuts 6888	Agrobacterium tumefaciens, grapes 4296	nitrogen metabolism 59
Mycosphaerella graminicola, wheat	Capsicum, damping off 2409	pH 4716
6464	Colletotrichum acutatum, Anemone	Rhododendron ferrugineum, mycor- rhizas 5356
Oncobasidium theobromae, cocoa 2572	coronaria 6571 Fusarium oxysporum f.sp. narcissi,	siderophores 4716
Puccinia arachidis, groundnuts	Narcissus 7717	Vaccinium macrocarpon, mycorrhizas
6888	Geotrichum candidum, tomatoes	1799, 4717 Hymenula cerealis
wheat, diseases 6444 metabolism, wheat 6451	5926 Glomerella cingulata, mangoes 922	environmental factors 3150
Hibiscus cannabinus, diseases, Queensland	mangoes, storage decay 4277	sporulation 3150
3/1/4 1	Manilinia fructigana apples 7783	wheat 312 743 3276

Hymexazol control Aphanomyces cochlioides, sugarbeet 2324 Pythium, sugarbeet 2324 Hyoscyamus niger, cucumber mosaic cucumovirus, India 4988 Hyparrhenia Uredinales Africa 404 taxonomy 404 Hyphodontia, pines, mycorrhizas 3813 Hypomyces rosellus, Pleurotus 1089 Hypoxylon deustum, citrus 5679 Hypoxylon mammatum Populus 8050, 8075 Populus tremuloides 4420 Hypoxylon truncatum, wood 2309 Hyssopus officinalis, Armillaria mellea, Greece 1434 Hysterangium, soil, mycorrhizas 7112 Hysterangium setchellii, Pseudotsuga menziesii, mycorrhizas 4693, 7114 IAA, activity, mycorrhizas, garlic 681 Idiocercus australis, Eucalyptus 3558 Ilex aquifolium acid rain, waxes 1526 ozone, waxes 1526 Ilex dipyrena, Mycovellosiella cajani, Uttar Pradesh 7250 Imazalil activity Rhizoctonia 5295 Tilletia tritici 3745 control Alternaria porri, leeks 6922 Botrytis cinerea, pears 1415 cereals, diseases 2588 Fusarium, cotton 2051 oranges, postharvest decay 4127 Penicillium digitatum citrus 830 tangelos 1374 Penicillium expansum, pears 1415 Pleospora betae, sugarbeet 5135 fungicide residues, citrus 830, 6538 fungicide tolerance Penicillium digitatum 4141 Penicillium italicum 3314, 4141 Penicillium steckii 2039 Penicillium variabile 2039 Penicillium velutinum 2039 seed treatment sugarbeet 5135 wheat 760 IMI descriptions (see also CMI descriptions) plant pathogens 3880, 7254 Imidazole fungicides activity Aspergillus niger 1719 Fusarium oxysporum 1719 potato X potexvirus, potatoes 2855 Sphaerotheca fuliginea 1703 Pyrenophora teres, barley 5593 Rhynchosporium secalis, barley 5593 **Imidazotriazoles** activity Aspergillus niger 7065 Fusarium oxysporum 7065 Iminoctadine triacetate, control, Ascochyta fabae, faba beans 4544 **Impatiens** Pseudomonas syringae control 2706 plasmids 2706 tomato spotted wilt virus, detection 4183 Impatiens latent virus, Impatiens walleriana 7715 Impatiens walleriana clover yellow vein potyvirus, Japan 7715 impatiens latent virus, Japan 7715 Imperata cylindrica Myriellina imperatae Australia 7278

Papua New Guinea 7278 taxonomy 7278 Imperata cylindrica cont. Puccinia microspora, Andhra Pradesh 2119 India Andaman and Nicobar Islands coconuts, Cercospora apii 1439 rice, diseases 4869, 7588 Andhra Pradesh Carvum carvi, Chaetomium 5822 Cuminum cyminum, Chaetomium 5822 Foeniculum vulgare, Chaetomium 5822 grapes, Elsinoë ampelina 1430 groundnuts diseases 1067 viruses 3642 gums, fungi 1846 Imperata cylindrica, Puccinia microspora 2119 Jasminum auriculatum, Uromyces hobsoni 2096 Lawsonia inermis, Ovulariopsis lawsoniae 213 limes, diseases 6535 Macrophomina phaseolina, Vigna mungo 3659 oranges, Gloeosporium limetticola 7666 Pennisetum americanum Claviceps fusiformis 805
Tolyposporium penicillariae 805
pigeon peas, pigeon pea sterility
mosaic virus 2381 plants, mycorrhizas 1181 Pongamia pinnata, Asperisporium pongamiae 2182 rice, storage decay 6520 Ricinus communis, Botrytis ricini 2170 soil, Sclerocystis 1768 sunflowers, Plasmopara halstedii Trachyspermum ammi, Chaetomium 5822 Trigonella foenum-graecum, Chaetomium 5822 Vigna mungo, diseases 4570 Arunachal Pradesh citrus, diseases 7658 medicinal plants, diseases 2163 rice, Pyricularia oryzae 5654 Uredinales 7238 Assam citrus, diseases 7658 Derris robusta, diseases 1522 forest trees Rhizoctonia solani 2256 Sclerotina sclerotiorum 2256 potatoes, Phytophthora infestans 7926 Magnaporthe salvinii 2663 Rhizoctonia solani 5660 rubber, Periconia manihoticola 959 soil, Gigaspora nigra 3832 Solanum khasianum, Alternaria tenuissima 2875 tea, root rots 7971 weeds, mycorrhizas 7126 Bihar Brassica campestris, Aspergillus flavus 6003 cucumbers, Xanthomonas campestris pv. cucurbitae 8176 Eleusine coracana, Alternaria alternata 1353 Indian mustard, Aspergillus flavus 6003 maize, Setosphaeria turcica 7559 medicinal plants, storage decay 4300 sorghum, Alternaria alternata 1353 wheat Alternaria triticina 282

Puccinia recondita 282

Cuminum cyminum, Erysiphe polygoni 4301

seedborne fungi 7447

Gujarat

India cont. Gujarat cont. groundnuts, Puccinia arachidis 3018 sugarcane Cephalosporium sacchari 4340 Gibberella fujikuroi 4340 Harvana Brassica, Albugo candida 4505 Capsicum, viruses 6938 cauliflowers Alternaria brassicae 8139 Alternaria brassicicola 8139 cereals, Clavibacter tritici 1941 clovers, Uromyces trifolii 4196 Indian mustard, Albugo candida rice Magnaporthe salvinii 6519 Sclerotium hydrophilum 6519 Sclerotium oryzae vat. irregu-lare 6519 sugarcane, Glomerella tucumanen-sis 7960 Trigonella foenum-graecum, Pero-nospora trigonella 5850 wheat, Puccinia recondita 7463 Himachal Pradesh apples Monilinia fructigena 5752 Monilinia laxa 5752 Phytophthora cactorum 7780 Pythium ultimum 4955 Venturia inaequalis 6629 Ascomycetes 7239 cauliflowers, curd rot 5995 Cicer arietinum, Ascochyta rabiei 2386 forest trees, diseases 1489, 1529 ginger, Fusarium 7885 Nicandra physaloides, potato Y potyvirus 6132 peas Erysiphe polygoni 6040 Pseudomonas syringae pv. pisi 6046 Pseudomonas syringae pv. syringae 1054 rice, mineral deficiencies 2034 Solanum laciniatum, Phytophthora infestans 463 tomatoes, potato Y potyvirus 503, 8001 turmeric, Fusarium solani 6711 wheat Erysiphe graminis 7492 Puccinia striiformis 7476 Tilletia laevis 7482 Tilletia tritici 7482 Jammu and Kashmir apples, Venturia inaequalis 896 peaches Botryodiplodia theobromae Rhizopus oryzae 7793 plums, Aspergillus niger 7791 Populus, diseases 541 Vigna radiata, Alternaria tenuissima 8264 Karnataka Areca catechu, Phytophthora meadii 7396, 7910 Capsicum, Colletotrichum dematium 4604 carrots, Erwinia carotovora subsp. carotovora 8158 Cinnamomum zeylanicum, Glomer-ella cingulata 935 cocoa, Phytophthora meadii 7396 coffee, Phoma costarricensis 3317 cotton, Alternaria macrospora 5692 cowpeas, Xanthomonas campestris pv. vignicola 8250 Elettaria cardamomum cardamom katte virus 3484 Phytophthora meadii 7396 groundnuts, Alternaria tenuissima maize, seedborne fungi 5616 mangoes, Alternaria alternata 2150 Nothopanax davidii, Oidium 362

India cont.	India cont.	India cont.
Karnataka cont. Nothopanax scuttelarius, Oidium	Meghalaya cont. forest trees	Tamil Nadu cont.
362	Rhizoctonia solani 2256	cotton  Botryodiplodia theobromae 83
pawpaws, Alternaria alternata 2153	Sclerotina sclerotiorum 2256	Corticium rolfsii 5693
pigeon peas, phyllody 8256	pines, mycorrhizas 1744	Ramularia gossypii 3318
Piper nigrum, Phytophthora	Mizoram, oranges, Phoma citri 2037	Euphorbia geniculata, Cochliobol
palmivora 7396	Nagaland, Psophocarpus tetrago-	carbonum 2429, 6143
Polyscias fruiticosa, Oidium 362 potatoes, Pseudomonas	nolobus, Cercospora canescens	Persea macrantha, Meliola
solanacearum 7942	8285 Orissa	ramacharii 1858
rice, Pyricularia oryzae 2023	cowpeas, storage decay 8244	Piper betle Phytophthora nicotianae vat.
Santalum album, spike 6795	ginger, Geotrichum candidum 5843	parasitica 5827
soil, Phytophthora palmivora 3872	onions, Alternaria porri 637	Xanthomonas campestris pv.
Strychnos nux-vomica	rubber, Botryodiplodia theobromae	betlicola 7865
fungi 7890	5892	potatoes, Pseudomonas
rhizosphere fungi 7889 sugarcane, Gibberella fujikuroi 485	tomatoes, postharvest decay 8006	solancearum 7938
Kerala	Vigna radiata, mung bean yellow	rice diseases 817
Artocarpus altilis, Glomerella	mosaic geminivirus 6901 wheat	rice yellow dwarf 7593
cingulata 5801	Alternaria triticina 5586	storage decay 7598
cassava, Indian cassava mosaic virus	seedborne fungi 7448	Xanthomonas campestris pv.
6129 cocoa	Punjab	oryzae 7637
Nectria rigidiuscula 6432	Alternaria 7242, 7248	soil
Phomopsis folliculicola 6432	Aphyllophorales 3883	fungi 7227 mycorrhizal fungi 166
coconuts, root (wilt) 2183, 3492,	Bauhinia purpurea, Alternaria cas- siae 3226	sorghum
7900	citrus	Claviceps sorghi 803
Eucalyptus	Fusarium 7653	Peronosclerospora sorghi 5628
Calonectria 8068	Rhizoctonia 7653	soyabeans, phyllody 8207
Cylindrocladium 8068	cotton, seedborne fungi 4160	sugarcane, diseases 5893
Eucalyptus tereticornis, Alternaria padwickii 1511	grapes	tomatoes, diseases 4385
ginger	Elsinoë ampelina 5819	Uttar Pradesh  Celastrus paniculatus, Phyllachor
Pythium aphanidermatum 2178	Plasmopara viticola 7847	celastri 7283
root rots 7881	Pseudocercospora viticis 928 mandarins, mycorrhizas 7125	cowpeas, Mycosphaerella cruenta
Leucaena leucocephala	radishes, Streptomyces 1028	8262
Colletotrichum crassipes 6796	rice, Tilletia barclayana 7617	Eleusine coracana
Glomerella cingulata 6796 Meliolaceae 3877	roses, Botrytis cinerea 7724	air spora 5640
oil palms	Tagetes erecta, Alternaria tagetica	Magnaporthe grisea 5643 Ficus infectoria, Ophioceras indic
Fusarium pallidoroseum 3494	5717	1859
Gibberella fujikuroi 3494	wheat  Erysiphe graminis 7492	fungi 7250, 7253
Glomerella cingulata 3496	Puccinia recondita 288	guavas, Phytophthora nicotianae
Piper nigrum, Phytophthora	Puccinia striiformis 288	var. parasitica 7830
palmivora 2847, 3486	Tilletia indica 301, 4810	Hyphomycetes 1842
plantation crops, <i>Phytophthora</i> 5518	Ziziphus mauritiana, Microsphaera	Momordica charantia, cucumber green mottle mosaic
rubber, Phytophthora 3523	alphitoides f.sp. ziziphi 4281	tobamovirus 8159
wood, Botryodiplodia theobromae	Rajasthan	pigeon peas
5122	air spora 4742 Cicer arietinum	Leveillula taurica 8277
Madhya Pradesh	Alternaria alternata 8276	Phyllosticta cajani 1625
Boswellia serrata, Cercospora bos- welliae 8079	Scopulariopsis brevicaulis 634	Populus deltoides, Phellinus noxi. 2929
Carissa opaca, Cercospora carissae	Claviceps fusiformis 4078	Pseudocercosporella 7287
8079	Cucumis melo var. momordica,	rice
Eucalyptus, Cladosporium 5408	storage decay 8169	Cochliobolus miyabeanus 5656
peas	desert plants, mycorrhizas 147	Pyricularia oryzae 4887
Fusarium oxysporum f.sp. pisi	Euphorbia lathyris, Macrophomina phaseolina 4181	tea, Pestalotiopsis adusta 7972
3004 Fusarium solani 3004	Indian mustard	Teramnus labialis, Aphanostigme fabacearum 7283
Pennisetum americanum,	Alternaria brassicae 6002	tomatoes, diseases 4385
Setosphaeria turcica 5408	Fusarium oxysporum 8144	turmeric, postharvest decay 7887
Pestalotiopsis, hosts 5407	Lasiurus scindicus, Ustilago vilfae	Uraria picta, Macrophomina phas
pines, Mycosphaerella gibsonii 4443	7745 Pennisetum americanum 4078	olina 460
Piper betle, Xanthomonas campes-	Claviceps fusiformis 5637	wheat
tris pv. betlicola 7863 soil, Pestalotiopsis triseptata 5404	Phoenix dactylifera, Botryodiplodia	Erysiphe graminis 761 Tilletia indica 7487
squashes, cucumber mosaic	theobromae 7909	West Bengal
cucumovirus 58!	soyabeans, Rhizoctonia solani 6064	coconuts, Pestalotiopsis palmarun
Maharashtra	Vigna radiata	3493
aubergines, Fusarium oxysporum	Cercospora canescens 6096	Crataeva religiosa, Cercosporella
f.sp. melongenae 4605	Mycosphaerella cruenta 6096	crataevae 1850
Capsicum, Corticium rolfsii 2413	Sikkim Amomum subulatum, Glomerella	Eubucklandia populnea, Tandone
Cicer arietinum Alternaria alternata 2387	cingulata 931	dargentiana 8118 Herpotrichia mellettiae 1849
Fusarium oxysporum f.sp.	forest trees, diseases 4407	Jatropha curcas, Pseudocercospor
ciceris 6099	Leguminosae, Rhizoctonia solani	jatrophae 2520
crops, mycorrhizas 148	1050	Leptosphaeria coniothyrium 1849
soil, mycorrhizal fungi 149	peas, diseases 8183	Lippia nodiflora, Pseudocercospor
tomatoes, diseases 4385	Vigna umbellata, Uromyces	lippiae 2520
turmeric, Colletotrichum curcumae 7893	appendiculatus 8265 Tamil Nadu	maize, Cochliobolus heterostrophi 1342
Manipur Manipur	bananas	mustard, Plasmodiophora brassica
citrus	Pseudomonas solanacearum	1576
diseases 7658	7829	Nicotiana rustica, Sclerotinia scle
Fusarium 7662	Thanatephorus cucumeris 7823	otiorum 6759
Gloeosporium limetticola 7662	coconuts, Pestalotiopsis palmarum	ornamental plants, Rhizoctonia solani 1924
Glomerella cingulata 7662	7903  Coriandrum sativum, carrot red	Piper longum, Pseudocercospora
Meghalaya citrus, diseases 7658	leaf luteovirus 7854	piperis 1850

India cont.	India cont.	India cont.
West Bengal cont.	coffee, Hemileia vastatrix 2046, 2049,	maize cont.
Porana paniculata, Pseudocercospora poranae	4155 Colletotrichum curcumae, hosts 5844	Fusarium 2647 mangoes
2520	Commiphora wightii, Phoma sorghina	Botryodiplodia theobromae 5797
Pseudocercospora 1216	3965	diseases 720
Pyrenomycetes 1217	Corticium rolfsii 5417	disorders 2816
rice, Pyricularia oryzae 4881	Corynespora cassiicola 5418	Fusarium solani 2151
tobacco	cotton Alternaria macrospora 5690	Melilotus indica, Colletotrichum lindemuthianum 408
Fusarium oxysporum f.sp. nico- tianae 4361	diseases 720, 4158	Meliolaceae 3879
Sclerotinia sclerotiorum 4362	wilt 353	mulberries
vegetables, Rhizoctonia solani 1924	cowpeas, seedborne fungi 595	mycorrhizas 152
witches' brooms, biology 1265	crops	Myrothecium roridum 1421
Zopfia rhizophila 1849	mycorrhizas 131 seedborne fungi 1736	mushrooms, air spora 8293 mustard, seedborne fungi 5139
Abelmoschus esculentus, Pythium aphanidermatum 5212	seedborne organisms 3131	oilseed plants, diseases 3961
Abies pindrow, Isthmiella abietis 8089	Cucurbitaceae, Fusarium 6845	olives, Glomerella cingulata 7838
air spora 1847	Curvularia senegalensis 5418	Parthenium argentatum, Alternaria
almonds	Cyclosorus, Cercospora cyclosori 1848	infectoria 6707
Agrobacterium tumefaciens 5772	Cymbopogon martinii var. motia, mycorrhizas 6325	pawpaws, postharvest decay 2154, 668 peaches
Alternaria pruni 3226 Tranzschelia discolor f.sp. dulcis	Cyperus iria, Phoma cyperi 1879	Monilinia laxa 6648
912	Diplazium esculentum, Cercospora	Taphrina deformans 4254
Alternanthera sessilis, Fusarium	diplaziicola 1215	pears, Corticium salmonicolor 2563
oxysporum 2064	Docynia indica, storage decay 7709	peas
Alternaria alternata 5417-5418	Eichhornia crassipes, Alternaria alternata 4624	diseases 4530  Erysiphe polygoni 4531
Alternaria tenuissima 5417-5418	Eucalyptus camaldulensis, Fusarium	pecans, Agrobacterium tumefaciens
Amaranthaceae, mycorrhizas 5349 Annona squamosa, postharvest decay	solani 1512	8074
6684	Eucalyptus hybrida, diseases 720	Pennisetum americanum
apples	Euphorbia khandalensis	diseases 7302, 7582
cankers 5745	Colletotrichum dematium 7711	Sclerospora graminicola 2014, 56
Corticium salmonicolor 2563	Phyllosticta euphorbiae- khandalensis 7711	pesticides 5278  Phaseolus vulgaris, Mycovellosiella
Asterina 6361	faba beans, Pleospora herbarum 5164	phaseoli 6054
aubergines Fusarium oxysporum 8119	forest trees	Phyllanthus emblica, Ravenelia embl
Gibberella fujikuroi 8119	mycorrhizas 64	cae 2179
Sclerotinia sclerotiorum 2419	Rhizoctonia solani 5061	pigeon peas
bacteria	fungi 6367-6368  Fusarium pallidoroseum 5417	Alternaria tenuissima 5192 diseases 2379
quarantine 7089	Gnetum scandens, Botryodiplodia the-	Fusarium udum 8279, 8284
seeds 7089 bananas	obromae 7243	Phytophthora drechsleri f.sp. caja
diseases 7828	Gomphrena globosa, Botryodiplodia	4579
storage decay 4978	theobromae 7243	pigeon pea sterility mosaic virus
Blastocladia 5419	Grammothele fuligo 4481 grapes	8257 Piper betle
Boehmeria nivea	Elsinoë ampelina 5817	Alternaria alternata 6698
diseases 4168	Uncinula necator 5815	Cochliobolus lunatus 6698
Rhizoctonia solani 2062 Brassica campestris, diseases 4494	Xanthomonas campestris pv. vit-	diseases 1436
cabbages, Peronospora parasitica 1027	icola 5821	Piper nigrum, mosaic 4996
Cactaceae, fungi 5703	grasses, phylloplane fungi 2111 Grevillea robusta, Acremonium per-	plant diseases control 6993
Caesalpinia bonduc	sicinum 6743	legislation 1154
Fusarium solani 3965	groundnuts	plantation crops, diseases 3231
Glomerella cingulata 3965 Canavalia ensiformis, Fusarium solani	Aspergillus nidulans 6074	pome fruits, Monilinia 893
6909	diseases 1072, 4562, 7302	pomegranates, diseases 5802
Capsicum	Mycosphaerella arachidis 6889	Populus, Venturia populina 989 potatoes
cucumber mosaic cucumovirus 8309	peanut stripe potyvirus 4555, 8220 Puccinia arachidis 6075	Alternaria solani 5883
viruses 1098	Rhizopus oryzae 3646	storage decay 6722
carnations, carnation mottle carmovirus	seedborne organisms 3131	Streptomyces scabies 482
cauliflowers	tomato spotted wilt virus 4553	Pseudocercospora 1874, 3881
air spora 2334	guavas phylloplane fungi 4979	Psophocarpus tetragonolobus Colletotrichum truncatum 633
diseases 720	postharvest decay 6675	cucumber mosaic cucumovirus 82:
Ceiba pentandra, Corynespora cassi-	Guignardia 1860	Rauvolfia serpentina, cucumber mosa
icola 4425	Gymnosporia spinosa,	cucumovirus 4988
Cercospora 208 Cercospora apii 5418	Pseudocercospora gymnosporiae	Rhizoctonia solani 7240
Cercospora canescens 5418	Haliatanium indiaum Enhagasthaan	rice
Cercospora hygrophilae 5418	Heliotropium indicum, Sphaerotheca fuliginea 8331	diseases 720, 1361-1362, 7302 mineral deficiencies 1191
chrysanthemums, Septoria	Hyoscyamus niger, cucumber mosaic	Pyricularia oryzae 5652
chrysanthemella 5708	cucumovirus 4988	Rhizoctonia solani 4894
Cicer arietinum Alternaria alternata 4577	Hyphomycetes 7249	rice yellow dwarf virus 5644
Botrytis cinerea 6910	Indian mustard, diseases 4494	Sarocladium attenuatum 2028
Fusarium oxysporum 4576	Kydia calycina, Pseudocercospora com- bretii 3180	seedborne fungi 5647 storage decay 2021
Macrophomina phaseolina 4576	Lablab purpureus, seedborne fungi 595	Ustilaginoidea virens 4108
citrus	Laportea crenulata, Cercospora lapor-	Xanthomonas campestris pv. oryz
blastomania 5663	ticola 1848	7638
citrus psorosis virus 7654 diseases 7651-7652	Lathyrus sativus, Uromyces pisi 6374	Ricinus communis, Macrophomina
Cladosporium herbarum 5418	Leguminosae, diseases 4518 Leptophyma 6362	phaseolina 2171 rubber, Phytophthora 3524
Cladosporium oxysporum 5418	Leveillula taurica 3187	safflower
Cnicus agrycanthes, Albugo trago-	limes, Corticium salmonicolor 2563	Alternaria 4303
pogonis 6146	linseed, seedborne fungi 2059	Puccinia calcitrapae var. centaure
Coccinia grandis, diseases 6024	Macrotyloma uniflorum, Neocos-	5834
coconuts crown rot 2851	mospora vasinfecta 1623 maize	Puccinia verruca 5834 Sansevieria trifasciata, Phoma
Ganoderma lucidum 4314	diseases 4057	putaminum 2104

ndia cont.	Indonesia	Iprodione cont.
Septoria 3896	asparagus, Phomopsis javanica 8303	control cont.
sesame, Beltrania rhombica 4305	bananas, Pseudomonas celebense 4273	
soil	cashews, Pseudomonas solanacearum	Drechslera poae, Poa pratensis
Alternaria tenuissima 5192	8084	6604
		Jasminum, diseases 4184
Macrophomina phaseolina 693,	cloves, Phyllosticta 932	lettuces, storage decay 4586
3873	cocoa	Monilinia fructicola, cherries 916
mycorrhizal fungi 679, 1179	mycorrhizas 3824	Monilinia oxycocci, Vaccinium
sorghum	Oncobasidium theobromae 1934.	2141
Colletotrichum graminicola 7569	2568-2569, 3974	ornamental plants, diseases 2063
seedborne fungi 5631	Phytophthora palmivora 7423	
soyabeans		Phomopsis viticola, grapes 2834
fungicides 6877	coconuts, Phytophthora palmivora	rape, diseases 6830
Macrophomina phaseolina 8209	7904	Rhizoctonia solani
	Eucalyptus urophylla, Nectria 4414	Euphorbia pulcherrima 860,
seedborne fungi 595, 5174	forest trees, mycorrhizas 61	4180
stone fruits, Monilinia 893	ginger, Pseudomonas solanacearum	potatoes 2870
sugarcane	7853	rape 5984
Glomerella tucumanensis 4344-	groundnuts, Pseudomonas	
4345, 5034		Sclerotinia, vegetables 6819
Xanthomonas albilineans 4346	solanacearum 8239	Sclerotinia trifoliorum, lucerne 41
	potatoes, Phytophthora infestans 2195	soyabeans, diseases 3017
sunflowers, Plasmopara halstedii 4309	rice, rice tungro virus 2658	degradation 8290
tea	Ricinus communis, Pseudomonas	determination, water 5283
Exobasidium vexans 3528-3529	solanacearum 7853	fungicide residues
Fusarium tumidum 6743	Solanum khasianum, Pseudomonas	
Nectria arenula 6743		estimation 29
Terminalia, Mystrosporiella	solanacearum 7853	grapes 7849
	sugarcane	groundwater 29
terminaliae 1875	diseases 7954	fungicide tolerance
Terminalia bellirica, Pseudocercospora	Stagonospora sacchari 2224	Botrytis cinerea 6568
combretii 3180	tomatoes, Pseudomonas solanacearum	
Theleporus calcicola 4481	2909	Botrytis elliptica 6568
Trichosanthes dioica		Monilinia fructicola 5771
	turmeric, Pseudomonas solanacearum	Monographella nivalis 2110
Fusarium oxysporum 8119	7853	Sclerotinia squamosa 6921
Gibberella fujikuroi 8119	Inonotus andersonii, Quercus 2265	soil treatment 4184, 8290
turmeric	Inonotus nodulosus, Korea Republic 4747,	
Colletotrichum capsici 7883	6366	Ips sexdentatus
Colletotrichum curcumae 7883,		transmission
7892, 7897	Inonotus rheades, Quercus 2265	Ophiostoma brunneo-ciliatum 445:
	Inonotus tomentosus	Ophiostoma ips 4453
diseases 720	Picea engelmannii 8112	Iran
Urena lobata, Cercospora geniculata	Picea pungens 8112	Alnus subcordata, Xanthomonas
1215	Inonotus ulmicola, Ulmus 2263	
vegetables, diseases 7405		campestris 1525
Vernonia cinerea, Erysiphe	Inonotus weirii (see Phellinus weirii)	Clivia miniata, Colletotrichum trichel
cichoracearum 394	Insecticides	lum 1385
Vigna mungo	control	Dieffenbachia amoena, Glomerella
	Corticium rolfsii, groundnuts 8224	cingulata 1387
Erysiphe polygoni 4523	okra mosaic tymovirus, Abelmos-	kiwifruits, diseases 1426
Fusarium pallidoroseum 6094	chus esculentus 8316	
Vigna radiata, Erysiphe polygoni 4523		Matthiola incana, Xanthomonas
viruses 7332	potatoes, viruses 468, 939	campestris pv. incanae 1388
water, Pseudomonas 7025	rice tungro virus, rice 4088, 6515-	melons
weeds, Rhizoctonia solani 5061	6516	squash mosaic comovirus 1586
	nontarget effects, soil fungi 3870	watermelon mosaic II potyvirus
wheat	Insects	1586
air spora 5413	epidemiology, tea, diseases 4349	
black point 5539		Phaseolus vulgaris, Colletotrichum
diseases 739	transmission	lindemuthianum 1596
Puccinia recondita 294, 7469	plant pathogens 6395	pistachios, Phytophthora citrophthora
Puccinia striiformis 4010	rice, viruses 330	1523
	viruses 6401	rice, Pyricularia oryzae 1366
Tilletia indica 7485	viruses, immunodiagnosis 4876	Setaria, barley yellow striate mosaic
wild plants, air pollution 2430		rhabdovirus 7428
Withania somnifera, Cochliobolus	Integrated pest management, applications	
hawaiiensis 3965	1118	sunflowers
Ziziphus mauritiana	Interferon, activity, tobacco mosaic	Erwinia nigrifluens 1438
İsariopsis indica var. zizyphi 2820	tobamovirus, tobacco 7347	seedborne fungi 4308
	Inuleae, mycorrhizas, Australia 1737	wheat
Microsphaera alphitoides f.sp.	Ipomoea acuminata	Aspergillus 1282
ziziphi 1427		
ndian cassava mosaic virus	Metschnikowia hawaiiensis	barley yellow striate mosaic rhabdovirus 7428
cassava 6129, 8318	Hawaii 2095	
India 7332	taxonomy 2095	Gibberella zeae 1309
ndian mustard	Ipomoea arborescens, Cercospora	Penicillium 1282
aflatoxins, cropping systems 4497	ipomoeae, India 208	Tilletia laevis 4011
	Ipomoea batatas (see Sweet potatoes)	Iraq
Albugo candida	Iprobenfos, activity, Cochliobolus spicifer	cucumbers, diseases 691
environmental factors 4505, 8147		dates
forecasting 8147	1103	
Haryana 4505, 8147	Iprodione	Fusarium equiseti 4315
varietal reactions 4505	activity	Phomopsis phoenicola 4315
Alternaria brassicae	Acremonium lolii	faba beans, Fusarium solani 8201
	Lolium perenne 872	pines
control 6002	Poa pratensis 872	Fusarium oxysporum 8106
Rajasthan 6002		Rhizoctonia solani 8106
Aspergillus flavus	Alternaria tenuissima 8223	
aflatoxins 6003	groundnuts 618	tobacco, diseases 4354
Bihar 6003	Botrytis cinerea 8267	tomatoes, diseases 691
seeds 6003	Rhizoctonia 665, 5295	wheat
diseases	Rhizoctonia solani 5984	Tilletia 5574
		Tilletia laevis 4012
India 4494	biodegradation 41	
reviews 4493-4494	control	Tilletia tritici 4012, 5574
Fusarium oxysporum, Rajasthan 8144	Alternaria brassicae, Indian mus-	Iris
ndian peanut clump furovirus, groundnuts	tard 6002	Corticium rolfsii, control 6569
5182	Alternaria gomphrenae, Gomphrena	iris mild mosaic potyvirus, detection
ndofil, control, Uncinula necator, grapes	globosa 5710	864
5815		iris severe mosaic potyvirus
	Botrytis cinerea	
ndole butyric acid, control, Jasminum,	grapes 2834	bulbs 863
diseases 4184	vegetables 6819	detection 863

Iris cont.	Israel cont.	Italy cont.
Japanese iris necrotic ring virus	Phlox, cucumber mosaic cucumovirus	grapes cont.
characteristics 7714	2715	Plasmopara viticola 2835
Japan 7714	Pimpinella anisum, Leptosphaeria	viroids 5810
· · · · · · · · · · · · · · · · · · ·	pimpinellae 2181	horseradish, Verticillium dahliae 6708
viruses	plant protection 6147	Hydrangea macrophylla, mycoplasma-
cytoplasmic inclusions 4171	potatoes, viruses 2189	like organisms 3338
ultrastructure 4171	k *	
Iris hollandica	soil	Iris hollandica, viruses 3339
viruses	bacteria 5913	Ixia, Fusarium oxysporum 6585
Italy 3339	fungi 5913	Jasminum sambac, viruses 5711
symptoms 3339	plant pathogens 3865	kiwifruits, Pseudomonas viridiflava
Iris mild mosaic potyvirus	Trichoderma harzianum 3835	3471
Iris 864	sweet potatoes, cucumber mosaic	leeks
Iris hollandica 3339	cucumovirus 4611	Alternaria porri 6922
	tangelos, Alternaria alternata 3313	Leveillula taurica 6922
Iris severe mosaic potyvirus	tomatoes	lemons, Deuterophoma tracheiphila
Iris 863	bacteria 5913	5364
Iris hollandica 3339	Botrytis cinerea 7399	
ornamental bulbs 2693		Lilium
Irish Republic	fungi 5913	Botrytis elliptica 6586-6587
barley	Pseudomonas corrugata 2912	Fusarium oxysporum f.sp. lilii
Erysiphe graminis 7516	wheat	7716
Rhynchosporium secalis 7516	diseases 1283	maize, Fusarium 3980
Picea sitchensis, mycorrhizas 6314	Mycosphaerella graminicola 3246	mycorrhizal fungi 683
	Puccinia recondita 3246	Ocimum basilicum, Fusarium
plant diseases, legislation 58	Puccinia striiformis 3246	oxysporum f.sp. basilicum 6710
potatoes, Phytophthora infestans 7923	seedborne fungi 3251	Opuntia ficus-indica, Armillaria mellea
sugarbeet	Isthmiella abietis, Abies pindrow 8089	5804
Rhizoctonia cerealis 3592	Italy	
Rhizoctonia solani 3592		Origanum vulgare, Puccinia menthae
Iron, deficiency, rice 7649	Abies alba, Heterobasidion annosum	6709
Irradiation, control, Geotrichum candidum,	3573	ornamental plants
tomatoes 5926	apples, pesticides 4661	diseases 3322, 3325, 4169
Irrigation	Armillaria 695, 5411	tomato spotted wilt virus 3234
	barley, barley yellow dwarf luteovirus	viruses 3234
activity	1989	peas, viruses 3619
beet necrotic yellow vein virus,	Buddleja davidii	Phaseolus vulgaris
sugarbeet 6826	alfalfa mosaic virus 2697	ozone 3629
Discula, Cornus kousa 994	cucumber mosaic cucumovirus 2697	
melons, glassiness 1590	Calluna vulgaris, Hymenoscyphus eri-	viruses 3623
Phytophthora nicotianae var.		pines, dieback 2297
parasitica	cae 5356	plant diseases
citrus 2674	Campanula, diseases 5701	legislation 3129
soil 2674	Capsicum	soil solarization 3963
potatoes, diseases 938	potato Y potyvirus 5511, 7374	plums, plum pox potyvirus 3436
	viruses 6939	Populus canadensis, decline 5074
Pseudomonas cepacia, onions 6918	carnations, Albugo 3326	Quercus cerris, decline 3559
Pseudomonas syringae pv. persicae,	Catharanthus roseus, mycoplasma-like	
peaches 6650	organisms 843	Quercus rubra, Tubakia dryina 3561
Tilletia laevis, wheat 4011	cereals	Ranunculus, mycoplasma-like orga-
Verticillium albo-atrum, lucerne	Fusarium 277, 2584, 3980	nisms 867
5727	Gibberella 2584	Rhododendron ferrugineum, Hymenos-
wheat, diseases 3253		cyphus ericae 5356
control, Fusarium solani, soil 203	chestnuts, Cryphonectria parasitica	roses
Isachne globosa, Claviceps panicoidearum,	534, 2261, 5938	Botrytis cinerea 5716
	chicory	diseases 6590-6591
Japan 878	Phoma exigua var. exigua 6927	saffron, Penicillium corymbiferum
Isariopsis indica var. zizyphi, Ziziphus	Pseudomonas marginalis pv.	3489
mauritiana 2820, 5805	marginalis 6935	
Isoflavans, activity, Aspergillus 3758	Puccinia cichorii 6931	Senecio, diseases 5701
Isoflavones	chrysanthemums, mycoplasma-like	Silene fruticosa, silene mosaic virus
activity	organisms 853	3349
Corticium rolfsii 3149	Cicer arietinum	soil
Rhizoctonia solani 3149	Ascochyta rabiei 4571	fungi 3869
Isothiocyanates, activity, Puccinia punc-	Ascocnyta rablet 45/1	Phytophthora citrophthora 343
tiformis 2428	Fusarium oxysporum f.sp. ciceris	Trichoderma harzianum 3835
~	6912	Spathiphyllum, Cylindrocladium
Israel	Verticillium dahliae 3026	spathiphylli 3351
apples	citrus	
Corticium rolfsii 2761	Phytophthora 5674	strawberries, Phytophthora cactorum 6666
Erwinia amylovora 2747, 3382	Phytophthora citrophthora 343	
avocados, mycorrhizas 2500	Codiaeum variegatum, viruses 7701	sugarbeet, Cercospora beticola 2974
cotton	cucumbers, Corynespora cassiicola	tobacco, potato Y potyvirus 5511, 7374
Alternaria macrospora 2052	2998	tomatoes
Verticillium dahliae 2052	Cyclamen, mycoplasma-like organisms	cucumber mosaic cucumovirus
cucumbers, Botrytis cinerea 7399	3332	1471. 3535
Cupressus sempervirens		Erysiphe 3548
	Cyphomandra betacea, potato Y	pelargonium zonate spot virus 6767
Botryodiplodia theobromae 5120	potyvirus 2817	Phytophthora infestans 3545
Pestalotiopsis funerea 5119	Dimorphotheca sinuata, mycoplasma-	
Eustoma grandiflorum, viruses 2703	like organisms 843	potato Y potyvirus 3535
maize, Setosphaeria turcica 2645	Diplotaxis erucoides, pelargonium	tomato yellow leaf curl geminivirus
mangoes, Pseudomonas syringae 2152	zonate spot virus 6767	3541
onions	Euphorbia pulcherrima, diseases 5701	tulips, diseases 5699
Fusarium oxysporum f.sp. cepae	forests, decline 1482, 1492-1493	Ulmus, Ceratocystis ulmi 5364
4589	Gladiolus	Uncinula necatrix 6284
Pseudomonas 4589	diseases 5699	vegetables
Pseudomonas gladioli pv. alliicola	mycoplasma-like organisms 382	Erwinia carotovora subsp.
		carotovora 6821
4589	viruses 382	Pseudomonas 6821
Pyrenochaeta terrestris 4591	globe artichokes, Sclerotinia scleroti-	
pears	orum 6928	tomato spotted wilt virus 3234
Erwinia amylovora 2747, 3382	grapes	weeds
Venturia pirina 4238	Botrytis cinerea 7849	mycoplasma-like organisms 382
peas	flavescence dorée 2155	viruses 382
Fusarium solani 2357	grapevine phloem-limited isometric	wheat
Macrophomina phaseolina 2357	virus 2823	diseases 284, 3252-3254
Pythium oligandrum 2357	legno riccio 5809	Puccinia recondita 3262

Itersonilia

Itersonilia	Japan cont.	Jordan cont.
molecular genetics 7282	melons cont.	aubergines, eggplant mottled dwarf
taxonomy 1880, 7282 Ivory Coast	Monosporascus cannonballus 1043	rhabdovirus 3050
cassava, African cassava mosaic	Sclerotinia 8171 Nectria 1851	oleander, Pseudomonas syringae pv.
geminivirus 3681	onions	savastanoi 5512
cowpeas, cowpea mottle virus 4565	Aspergillus niger 8299	olives, Pseudomonas syringae pv. savastanoi 5512
groundnuts, diseases 4559	Pythium irregulare 2521	tomatoes, Fusarium 8008
oil palms, Fusarium oxysporum f.sp. elaeidis 7906	Osmanthus aurantiacus var. thunbergii,	wheat, Puccinia graminis 1946
rice, Pyricularia oryzae 3301, 6526	Zaghouania phillyreae 2101	Withania somnifera, eggplant mottled
rubber, phloem necrosis 7945	pears, Venturia pirina 2775, 4957, 7785-7786	dwarf rhabdovirus 3050
Ixia	persimmons, physiological disorders	Juglans nigra, plant extracts, antibacterial
Fusarium oxysporum	2822	properties 3088
control 6585	pines	Juglans regia (see Walnuts) Juncaceae
Italy 6585	Phomopsis 8105	Puccinia, evolution 2109
Ixora coccinea, plant extracts, antifungal agents 7055	Septoria pini-thunbergii 5105	Uromyces, evolution 2109
Jacquemontia tamnifolia	plants, endophytes 1665	Juniperus
Curvularia bannonii	Pleioblastus chino var. viridis, Dicello- myces gloeosporus 3186	Botrytis cinerea, control 2063
taxonomy 3340	potatoes, storage decay 7941	Cercospora sequoiae vat. juniperi,
USA 3340	Prunus jamasakura, seedborne fungi	China 1020 Fusarium, control 2063
Jafneadelphus amethystinus, soil 3184 Jamaica, Anthurium, Xanthomonas	3567	Gymnosporangium fuscum, Switzer-
campestris pv. dieffenbachiae 2074	Prunus lannesiana var. speciosa, seed-	land 904
Japan	borne fungi 3567 quinces, Botrytis cinerea 4959	Phomopsis juniperivora, China 1020
Hokkaido	rice	Pythium ultimum, control 2063
Chamaecyparis obtusa, cankers 547	Gibberella fujikuroi 1369, 2664,	Jute
soil, Pythium 7214	4888	diseases control 4166-4167
Thujopsis dolabrata, cankers 547	Pseudomonas glumae 7648	reviews 4166
Kyushu, Chinese cabbages, Plasmodi- ophora brassicae 6000	Pyricularia oryzae 7600	Glomerella cingulata, resistance 5698
Allium chinense	Rhizoctonia oryzae 7624 Rhizoctonia solani 4891, 7600	Kabatiella caulivora, clovers 7748, 7750
garlic latent virus 8297	viruses 4087	Kabatiella lini, flax 355
onion yellow dwarf potyvirus 8297	Xanthomonas campestris pv. oryzae	Kabatiella zeae, maize 2001, 2648
Amorphophallus konjac, Pseudomonas	341, 825	Kalanchoe bacilliform virus, Kalanchoë
pseudoalcaligenes subsp. konjaci 8326	soil, chlorothalonil 3178	blossfeldiana 383 Kalanchoe blossfeldiana
Arctium lappa, Pythium irregulare	soyabeans, soybean dwarf luteovirus	Erwinia chrysanthemi, biovars 5261
2521	5169-5170, 8204-8205 spinach	kalanchoe bacilliform virus, character-
bamboos, Shiraia bambusicola 4912	Aphanomyces euteiches 8133	istics 383
Camellia, Exobasidium 4915	Peronospora farinosa 5979	kalanchoe I carlavirus, characteristics
Capsicum, tobacco mosaic tobamovirus	Stephanandra incisa, Sphaerotheca	383
8306 carrots	stephanandrae 868	Kalanchoe daigremontiana, viruses, characteristics 3210
Cercospora carotae 2982	sugarbeet	Kalanchoe I carlavirus, Kalanchoë bloss-
Rhizobacter daucus 5143	beet necrotic yellow vein virus 2322 Ramularia beticola 2326	feldiana 383
Chamaecyparis obtusa	Thanatephorus cucumeris 5136	Kalanchoe pinnata, viruses, characteristics
fungi 2281	sweet potatoes, sweet potato leaf curl	3210
Seiridium unicorne 4477	bacillivirus 8321	Kalanchoe tubiflora, viruses, characteris-
Tokkuri disease 4478	tomatoes	tics 3210  Kalopanax pictus
Eudarleuca biconica 4967	Fusarium oxysporum f.sp. lycoper-	Phyllosticta acanthopanacis
Sordaria 4967	sici 5054, 8011 Fusarium oxysporum f.sp. radicis-	China 2277
Colocasia esculenta, Pythium myri-	lycopersici 8011	control 2277
otylum 3057	Verticillium dahliae 2904	Kanamycin, resistance, Xanthomonas
Cruciferae, turnip mosaic potyvirus	Uredinales 206, 697	campestris pv. malvacearum 7027
5138 Cryptomeria japonica	Ustilaginales 4746	Kasugamycin control
decline 2305-2306	vegetables diseases 6816	Alternaria padwickii, rice 7630
fungi 2281	viruses 5963	Erwinia amylovora
Cucurbitaceae	Vigna angularis, Phytophthora vignae	apples 3400
trichosanthes mottle potyvirus 4511	3657	pears 4246
watermelon mosaic I potyvirus 4511	wheat	Xanthomonas campestris pv.
Cyperaceae, Typhula ishikariensis 1276	Pseudocercosporella herpo-	campestris, cabbages 8154 Kenya
Daphniphyllum teysmannii,	trichoides 4822 Pseudomonas syringae pv. japonica	coffee
Pseudomonas syringae pv.	4829	diseases 6541
daphniphylli 5087	Zoysia matrella, Pythium graminicola	Glomerella cingulata 833, 6540,
garlic, garlic latent virus 5197	7251	6550-6551, 7676-7677
Gentiana, viruses 4916	Japanese iris necrotic ring virus, Iris 7714	Hemileia vastatrix 2046, 7677
Gramineae, Typhula ishikariensis 1276 grapes, Agrobacterium tumefaciens	Jasminum diseases	Pseudomonas syringae 6540, 7676 pigeon peas, Fusarium udum 8279
1431	control 4184	pines
greenhouse crops, diseases 7417	Egypt 4184	Pisolithus tinctorius 3804
Impatiens sultani	Jasminum auriculatum, Uromyces hobsoni,	Wilcoxina mikolae 1756
clover yellow vein potyvirus 7715	Andhra Pradesh 2096	Kernkampella emblicae, Phyllanthus
impatiens latent virus 7715	Jasminum sambac, viruses, Italy 5711	emblica 205
Iris, Japanese iris necrotic ring virus 7714	Jatropha curcas, Pseudocercospora	Khuskia oryzae
Isachne globosa, Claviceps pani-	jatrophae, West Bengal 2520  Jerusalem artichokes (see Helianthus	antagonism  Botrytis cinerea 7181
coidearum 878	tuberosus)	Fusarium culmorum 7181
lawns and turf, Rhodophyllus pulchel-	Jkstein, control, Alternaria porri, onions	Fusarium equiseti 7181
lus 402	637	Fusarium oxysporum 7181
Leguminosae Erysiphales 4752	Johnson grass (see Sorghum halepense)	Gibberella avenacea 7181
Erysiphales 4752 viruses 5963	Johnsongrass mosaic virus	Gibberella baccata 7181
mangoes, Xanthomonas campestris pv.	coat proteins 3198, 5493 gene expression 5493	Gibberella zeae 7181 antibiotics 7181
mangiferaeindicae 7834	strains 3198	pomegranates 5802
melons	Jordan	Kinetin, activity, potato X potexvirus,
cucumber mosaic cucumovirus 6019	Agrobacterium 1669	tobacco 2232

liwifruits	Laccaria bicolor cont.	Larch
Agrobacterium, genetic transformation	restriction fragment length polymor-	Boletinus cavipes, mycorrhizas, phos- phorus 110
425	phism 104, 1755	Cladosporium tenuissimum
Alternaria 1426	taxonomy 4696  Laccaria fraterna	culture 5947
Phytophthora 1426	Eucalyptus, mycorrhizas 5326	environmental factors 5947
Pseudomonas viridiflava, Italy 3471 Rhizoctonia 1426	taxonomy 5326	decline
(nautia arvensis	Laccaria laccata	air pollution 4437
Ustilago scabiosae	ethylene 7103	Germany 4437
anthers 3182	Fagus sylvatica, mycorrhizas 5313	Leucostoma kuduerensis, China 1865
Germany 3182	identification 104	Meria laricis
Knautia silvatica	inoculum 106	environmental factors 8091
Ustilago scabiosae	mitochondrial DNA 1755	models 8091
anthers 3182	Picea abies, mycorrhizas 1750, 4694	mycorrhizas morphology 7096
Germany 3182	Picea sitchensis, mycorrhizas 6314	synthesis 1743
Korea Republic	pines, mycorrhizas 66, 68, 70, 83,	Mycosphaerella larici-leptolepis
Aphyllophorales 4747, 6366	1750, 2495, 5313, 6310	China 2286, 2940
Capsicum Botrytis cinerea 3045	Pseudotsuga menziesii, mycorrhizas 79,	forecasting 2286, 2940
Phytophthora capsici 640, 3046-	4691, 5317	Mycosphaerella laricina
3047	Quercus robur, mycorrhizas 1168	screening 2285
carnations, Alternaria dianthi 2087	restriction fragment length polymor- phism 104, 1755	USA 2285
Chamaecyparis obtusa, diseases 4433	weathering 4685	Phaeolus schweinitzii
Chamaecyparis pisifera, diseases 4433	Laccaria laccata var. moelleri, Picea mari-	Korea Republic 4442
groundnuts, Mycosphaerella berkeleyi	ana, mycorrhizas 671, 1758	yield losses 4442
626	Laccaria proxima	Scleroderma citrinum, mycorrhizas, synthesis 672
larch	mitochondrial DNA 1755	Sparassis crispa
Phaeolus schweinitzii 4442	Picea sitchensis, mycorrhizas 6313	Korea Republic 4442
Sparassis crispa 4442	restriction fragment length polymor-	yield losses 4442
maize, Fusarium sporotrichioides 4857	phism 1755	Suillus grevillei
persimmons Glomerella cingulata 6685	Salix viminalis, mycorrhizas 4690,	mycorrhizas
Mycosphaerella nawae 6685	5318	phosphorus 110
pines	Lachenalia, ornithogalum mosaic	ultrastructure 2489
Cronartium ribicola 1006	potyvirus, immunodiagnosis 358	Trichoscyphella willkommii
mycorrhizas 4689	Lachnum rubropunctatum, Picea 560	China 3575
Rhizina undulata 5096	Lactams, activity, plant pathogens 3120	culture 3575
plants, mycorrhizas 1766	Lactarius deliciosus	Valsa friesii, China 1865
Populus, decay 4418	copper 99	Valsa octospora, China 1865
Quercus acutissima, mycorrhizas 4687	pines, mycorrhizas 116	Larix (see Larch) Lasiurus scindicus
rice	Lactarius deterrimus, Picea abies, mycor- rhizas 7113	Ustilago vilfae
diseases 818	Lactarius hepaticus, Pseudotsuga	Rajasthan 7745
Pyricularia oryzae 4100-4101, 4882 sesame, Corynespora cassiicola 4999	menziesii, mycorrhizas 4697	symptoms 7745
soil, mycorrhizas 1765	Lactarius piperatus	Laterispora brevirama, soil 3876
strawberries, Rhizoctonia solani 439	laboratory tests, aluminium 74	Lathyrus sativus
Thuja orientalis, diseases 4433	Picea abies, mycorrhizas 4694	Sclerotinia sclerotiorum, pathogenicity
tobacco, Erwinia carotovora subsp.	Lactarius rufus	5737
carotovora 2238	fallout 5316	Uromyces pisi, India 6374
Ziziphus sativa, witches' brooms 6683	Germany 5316	Latin America, plant pathologists 6988
Kydia calycina	Pseudotsuga menziesii, mycorrhizas	Lauraceae
Pseudocercospora kydiae	4697	Puccinia China 7265
India 3180	Lactobacillus, immunodiagnosis 1126	taxonomy 7265
taxonomy 3180	Lactuca	Laurus nobilis
Lablab purpureus Fusarium equiseti, postharvest decay	Bremia lactucae	air pollution
5123	host parasite relationships 8291	Greece 2708
seedborne fungi, India 595	multivariate analysis 8291 varietal reactions 1627	ultrastructure 2708
Xanthomonas campestris pv. phaseoli	Lactuca sativa (see Lettuces)	Lavandula stoechas, Armillaria mellea,
enzymes 6913	Lactuca serriola	Greece 1434
host parasite relationships 6913	Bremia lactucae	Lawns and turf
Labyrinthula zosterae, Zostera marina	heterothallism 1095	Cladochytrium caespitis
8332	resistance 8289	control 6599
Lacaria proxima, pines, mycorrhizas 93	UK 8289	symptoms 396 UK 6599
Laccaria	Laetiporus sulfureus, Quercus 2265	diseases
Coniferae, mycorrhizas 550 control, Coniferae, diseases 550	Laetisaria arvalis, control, Pythium apha-	biological control 6175
DNA probes 3814	nidermatum, aubergines 644	books 870, 5718
restriction fragment length polymor-	Laetisaria fuciformis, Poa pratensis 2117	control 871, 873, 5718, 6268, 6272
phism 3136	Lagena radicicola, wheat 1966	immunodiagnosis 228
Sweden 3133	Lagena radicola, Canada 3185	Turkey 1394
taxonomy 3133	Lagenaria siceraria	USA 873
Laccaria amethystina	Fusarium India 6845	Fusarium culmorum
mitochondrial DNA 1755	postharvest decay 6845	control 6599
Picea abies, mycorrhizas 7113	Rhizoctonia solani, Nematoda 6027	UK 6599
restriction fragment length polymor-	Sphaerotheca fuliginea	Marasmius oreades, soil strength 2108
phism 1755	boron 2347	Monographella nivalis fungicide tolerance 2110
Laccaria bicolor	control 1041	New Zealand 2110
control, Fusarium oxysporum, Pseudotsuga menziesii 5109-5110	Lagerstroemia speciosa, Rhizoctonia	Rhodophyllus pulchellus
enzymes 1759	solani, India 5061	Japan 402
ethylene 7103	Lanolin, control, apples, cankers 5745	sporulation 402
genetics 1759	Lantana camara, plant extracts, antifungal	Lawsonia inermis, Ovulariopsis lawsoniae,
identification 104	agents 4378	Andhra Pradesh 213
mitochondrial DNA 1755	Lantana indica, plant extracts, antifungal	Lead, activity, mycorrhizas 4717
Picea abies, mycorrhizas 673	agents 3000	Lebanon
Picea glauca, mycorrhizas 1172	Laodelphax striatella, transmission, barley	cereals
Picea mariana, mycorrhizas 1758	yellow striate mosaic rhabdovirus	Fusarium 2584 Gibberella 2584
pines, mycorrhizas 72, 107, 1170, 1172	7428	soil, fungi 3869
Pseudotsuga menziesii, mycorrhizas 4697, 6303	Laportea crenulata, Cercospora lapor- ticola, India 1848	Lectins, activity, fungi 5239
,	,	

Leek yellow stripe potyvirus	Leguminosae cont.	Lentosphaevia maculana
crops 7325	viruses cont.	Leptosphaeria maculans Brassica 1032, 5965, 5993, 8142
leeks 6106	Turkey 1591	Brassica campestris 3597
Leeks	vectors 3617	Brassica napus 574, 3597
Alternaria porri control 6922	Lemons	broccoli 2330
Italy 6922	Deuterophoma tracheiphila	cabbages 2330, 2433, 2981
Cladosporium allii	breeding 5671-5672	Cruciferae 1032
conidia 1634	Greece 5672	rape 1025, 1031, 1577, 4503, 5994
control 2398	Italy 5364	toxins 6346
environmental factors 1634-1635	temperature 5673 toxins 5671	Leptosphaeria nodorum
infection 1635	translocation 5673	Aegilops 7493
spore germination 1635	Elsinoë fawcettii, biochemistry 7668	barley 1972, 6474
Switzerland 3034	Geotrichum candidum	cereals 6274-6275, 6446
Cladosporium allii-cepae	predisposition 2676	fungicide tolerance 7495
conidia 1634	storage 2676	heterothallism 4021
environmental factors 1634-1635	Glomerella cingulata, biochemistry	isoenzymes 5358
infection 1635	7661	molecular genetics 7495 preservation 3154
spore germination 1635	mycorrhizas, fungicides 156	wheat 285, 305-306, 745, 1294-1295,
garlic latent virus, detection 2397	Syncephalastrum racemosum, biochem-	1297, 2589, 2591, 2593, 2613-
Glomus mosseae mycorrhizas	istry 7661	2614, 3247, 3266, 4000, 4018-
light 5347	Ulocladium obovoideum, taxonomy	4019, 4022, 4795, 4817, 5540,
phosphorus 675	3886	5542, 5544, 5547, 5577-5578,
Glomus versiforme, mycorrhizas,	Lentils	6460-6461, 6464-6465, 7435,
polyphosphates 5346	Ascochyta fabae f.sp. lentis	7456, 7493
leek yellow stripe potyvirus, Australia	crop residues 6087	Leptosphaeria pimpinellae, Pimpinella
6106	Saskatchewan 6087	anisum 2181
Leveillula taurica, Italy 6922	seeds 6087	Leptosphaeria sacchari, sugarcane 7964
onion yellow dwarf potyvirus, detection	Ascochyta lentis, control 8282	Leptosphaeria salvinii (see Magnaporthe
2397	Corticium rolfsii, varietal reactions	salvinii)
Puccinia allii	6097	Leptosphaeria taiwanensis, sugarcane 3525
host parasite relationships 1633	diseases	Leptosphaerulina, lucerne 5729
varietal reactions 6107	bibliographies 592	Leptosphaerulina trifolii
shallot latent carlavirus, spectroscopy	control 592	clovers 3361-3362, 4927
2538	fungicides, nitrogen fixation 6908	groundnuts 1067
eersia hexandra, Xanthomonas campes-	Fusarium oxysporum f.sp. lentis genetics 1621	lucerne 883, 3361-3362, 5728, 5732
tris pv. oryzae, Texas 3069		Lesotho, sorghum, Claviceps sorghi 3296
egislation	host parasite relationships 4581	Lettuce big-vein virus, lettuces 3660, 4584,
antibiotics, France 2751	varietal reactions 4581, 6097 Peronospora viciae	5194
pesticides	Bangladesh 6090	Lettuce infectious yellows virus
Austria 3130	environmental factors 6090	Cucurbitaceae 2968
Germany 2481, 4670, 7050	Rhizoctonia solani, varietal reactions	lettuces 2968 melons 579
plant diseases	6097	Lettuce mosaic potyvirus
Austria 58, 3129	viruses	lettuces 2390, 4584, 5714, 6100
Brazil 58	seeds 1591	Osteospermum fruticosum 5714
Cyprus 3129 Europe 58, 2480, 3129, 6292	transmission 1591	peas 4524
France 58	Turkey 2354	Lettuce necrotic yellows rhabdovirus
Germany 58, 2480	Lentinula edodes	garlic 2395
Greece 58	Betula verrucosa 2307	lettuces 4584
India 1154	Ceratocystis, identification 3665	Lettuces
Irish Republic 58	wood 2307, 2309	beet pseudo-yellows virus
Italy 3129	Lenzites betulina, Quercus 2265	transmission 1626
Malaysia 6292, 7905	Leonotis nepatifolia	UK 1626
Netherlands 2480, 3129	Pseudocercosporella leonotidis	Bremia lactucae
Spain 2480	taxonomy 7287	California 3661
Sweden 2480	Uttar Pradesh 7287	control 1088, 3688, 4587
Switzerland 667, 2480	Leptochlamys chamaecyparidis, trees 4433	Florida 1088, 4587
UK 58, 2479-2480	Leptodontidium orchidicola, Orchidaceae,	fungicide tolerance 1088, 3661
egume yellows luteovirus, Cicer arietinum	mycorrhizas 178	genetics 3028
2380	Leptoglossus gonagra	host parasite relationships 6914
eguminosae	transmission Ashbya gossypii 5669	hypersensitivity 6914
Aspergillus flavus	Nematospora coryli 5669	infection 6102
toxins 4520	Leptographium australe, pines 6802	pathotypes 3661
varietal reactions 4520	Leptographium procerum, pines 4455	varietal reactions 1627, 3661, 5965,
bean yellow mosaic potyvirus, Japan 5963	Leptographium wageneri	6102, 8288
Cercospora zebrina, pathogenicity 881	conifers 5088	broad bean wilt fabavirus New York 5195
Cochliobolus carbonum, phytoalexins	pines 3570	weeds 5195
5151	Pseudotsuga menziesii 3570, 3572	corky root
diseases	vegetative compatibility groups 3167	bacteria 3030
India 4518	Leptographium wingfieldii, pines 4453	USA 3030
reviews 4518	Leptophyma	cucumber mosaic cucumovirus
Erysiphales, Japan 4752	India 6362	New York 5195
mycoplasma-like organisms	taxonomy 6362	seed testing 2390
reviews 3617	Leptospermum, Cortinarius, mycorrhizas,	strains 2547
vectors 3617	Australasia 5315	symptoms 3203
mycorrhizas, yeasts 128, 3816	Leptosphaeria avenaria	Turkey 2390
Rhizoctonia solani, Sikkim 1050	oats 4844	weeds 5195
soybean dwarf luteovirus, host range	wheat 5577	diseases, control 3687
1603	Leptosphaeria avenaria f.sp. triticea, wheat	Erwinia carotovora subsp. carotovora,
tobacco streak ilarvirus	285	Puerto Rico 1930
epidemiology 3616	Leptosphaeria coniothyrium	lettuce big-vein virus
pathotypes 3616	blackberries 6668	hydroponics 5194
seeds 3616 Washington 3616	taxonomy, India 1849	resistance 3660
viruses	Leptosphaeria korrae	screening 3660
Japan 5963	Cynodon dactylon 873, 3358 Poa pratensis 873, 3358	transmission 5194
reviews 3617	Leptosphaeria libanotis, carrots 2984,	lettuce infectious yellows virus
transmission 1591	8157	symptoms 2968

ettuces cont.	Lilac	Linseed cont.
lettuce mosaic potyvirus	mycoplasma-like organisms, witches'	diseases, control, reviews 4163
alternative hosts 5714	brooms 4919	Oidium lini, genetics 4164
seed testing 2390	Pseudomonas syringae pv. syringae	seedborne fungi
seeds 6100	environmental factors 7727	aflatoxins 2059
Turkey 2390	identification 7727	India 2059
Microdochium panattonianum	overwintering 2707	Linum marginale
epidemiology 3029	pathogenicity 7727	Melampsora lini
microsclerotia 3029	toxins 4920	genetics 6978
soil 3029	Lilium	host parasite relationships 6978
Olpidium brassicae, control 5194	Botrytis cinerea	Linum usitatissimum (see Flax; Linseed)
Phytophthora cryptogea	control 6568	Lipaphis erysimi
California 1628	fungicide tolerance 6568	transmission
hydroponics 1628	Oregon 6568	Chinese cabbages, viruses 4496
Pseudomonas, host parasite relation-	Washington 6568	cucumber mosaic cucumovirus 466
ships 5265	Botrytis elliptica	Lippia nodiflora, Pseudocercospora lip-
Puccinia dioicae	control 6568, 6586-6587	piae, West Bengal 2520
Alberta 6101	fungicide tolerance 6568, 6586-6587	Liriodendron tulipifera
	infection 3341	acid rain
varietal reactions 6101	Italy 6586-6587	nutrients 6794
Rhizoctonia solani	Oregon 6568	physiology 4422
biological control 4585	symptoms 3341	Glomus fasciculatum
control 6820	Washington 6568	mycorrhizas
Rhizomonas suberifaciens	Botrytis tulipae	growth 1763
California 1629	control 6568	Tennessee 1763
control 1629	fungicide tolerance 6568	Glomus mosseae
nitrogen 6103		mycorrhizas
Sclerotinia minor	Oregon 6568	growth 1763
biological control 3662	Washington 6568	Tennessee 1763
control 8290	Corticium rolfsii, control 6569	
France 8290	Erwinia carotovora subsp. carotovora,	ozone
Sclerotinia sclerotiorum, biological	detection 4918	nutrients 6794
control 4485	Fusarium oxysporum f.sp. lilii	physiology 4422
soil bacteria, host parasite relationships	Italy 7716	Litchi chinensis, storage decay, control
5265	Netherlands 7716	5800
storage decay	vegetative compatibility groups	Lithium, activity, Phytophthora infestans
control 4586	7716	7162
USA 4586	virulence 7716	Lithium chloride, control, Sphaerotheca
Trichoderma, growth 2393	Rhodococcus fascians, immune serum	fuliginea, cucumbers 3612
viruses, Queensland 4584	3342	Lithocarpus
yellows	Lily symptomless carlavirus, nucleotide	Meliola lithocarpina var.
mycoplasma-like organisms 5964	sequences 7328	mengyangensis
Oklahoma 5964	Lima beans (see Phaseolus lunatus)	China 1845
Leucaena leucocephala	Lime trees (see Tilia)	taxonomy 1845
	Limes	Litsea, Dasyscyphus eriophori, India 723
Colletotrichum crassipes, Kerala 6796	Alternaria limicola, taxonomy 3886	Lolium
diseases	blastomania	Acremonium
nurseries 2919	India 5663	alkaloids 5720
Tropics 2919	mycoplasma-like organisms 5663	detection 2723
Glomerella cingulata, Kerala 6796	citrus tristeza closterovirus	gene banks 2723
Glomus aggregatum, mycorrhizas, fun-	transmission 4125	seeds 2723
gicides 7119	varietal reactions 2035	toxins 7742
Glomus fasciculatum, mycorrhizas,	Colletotrichum	Acremonium lolii, toxins 7742
nutrition 150	Andhra Pradesh 6535	diseases, Turkey 1394
mycorrhizas	control 6535	Erysiphe graminis
phosphorus 1180	Corticium salmonicolor	resistance 1396
water stress 1187	India 2563	waxes 1396
plant extracts, antifungal agents 2019	isolates 2563	Lolium multiflorum
Leuchobalanus		barley yellow dwarf luteovirus
decline	Diplodia	France 3354
drought 987	Andhra Pradesh 6535	vectors 3354
USA 987	control 6535	
Leucospermum	Fusarium	Puccinia coronata, breeding 6603
Phytophthora cinnamomi	Andhra Pradesh 6535	Lolium perenne
testing 2097	control 6535	Acremonium, taxonomy 7741
varietal reactions 2097	Fusarium solani, control 7669	Acremonium coenophialum
Leucostoma, pines 1012, 2296	Glomerella cingulata	insects 6598
Leucostoma, pines 1012, 2290 Leucostoma cinctum	Florida 4140	nucleotide sequences 2115
	transmission 4140	Acremonium lolii
apricots 2133	Rhizoctonia solani, control 2675	fungicides 872
cherries 5773	witches' brooms	insects 6602
peaches 4255, 6644	mycoplasma-like organisms 5664	New Zealand 6602
Leucostoma kuduerensis, larch 1865	Oman 5664	pest resistance 875
Leucostoma niveum, Populus 2268	United Arab Emirates 5664	barley yellow dwarf luteovirus
Leucostoma persoonii	Liming	detection 7740
cherries 2797, 5773	activity	France 3354
peaches 911, 4255, 6643-6644, 7755	clovers, diseases 1398	UK 7740
stone fruits 5768	Pseudomonas syringae pv. persicae,	vectors 3354
Leveillula taurica	peaches 6650	diseases
Capsicum 3044	control	altitude 5721
Cicer arietinum 2380	Fusarium oxysporum, pines 8106	Poland 5721
cucumbers 3969	peas, root rots 4527	selection 5721
globe artichokes 3969	Rhizoctonia solani, pines 8106	Phialophora graminicola
India 3187	Limonium	pathogenicity 3357
leeks 6922	cucumber mosaic cucumovirus	USA 3357
pigeon peas 8253, 8277	characteristics 7391	Puccinia coronata
taxonomy 3187	strains 7391	breeding 876
tomatoes 3969		
	Limonomyces roseipellis, antagonism,	pathogenicity 4192
Liatris, fungi, nomenclature 5410	Pyrenophora tritici-repentis 3270	varietal reactions 4192
Libya, potatoes, Erwinia carotovora subsp.	Linseed	Pyrenophora lolii, nutritive value 419
carotovora 955	Alternaria	root rots
Ligustrum ovalifolium, witches' brooms,	control 6564	Florida 3355
mycoplasma-like organims 2933	UK 6564	fungi 3355

Lolium perenne cont.	Lucerne cont.	T
Stagonospora, ultrastructure 2116	diseases cont.	Lucerne cont.  Verticillium albo-atrum cont.
Lolium rigidum, Clavibacter, bacteri-	control 418	Saskatchewan 5727
ophages 4926	crop residues 5729	seeds 5730
Lophiostoma angustilabrum taxonomy 1217	Florida 883	susceptibility 3368
West Bengal 1217	insects 414	testing 1402
Lophodermella sulcigena, pines 8102	Saskatchewan 411	varietal reactions 413, 1402
Lophodermium	USSR 7746 fungi	viruses
Cladosporium, hyperparasitism 1013	Kentucky 410	Canada 409
pines 1013, 1551	roots 410	USA 409
Lophodermium abietis, taxonomy 4750	Fusarium	Xanthomonas campestris pv. alfalfac
Lophodermium anhuiense, pines 1551	breeding 5726	temperature 419 Luffa acutangula
Lophodermium australe, pines 1533, 1551	in vitro selection 5725	Fusarium
Lophodermium conigenum, pines 1551 Lophodermium maximum, pines 1014	insects 4197	India 6845
Lophodermium mirabile, pines 1551	Nevada 1401	postharvest decay 6845
Lophodermium piceae	testing 5429	Pseudoperonospora cubensis
Abies balsamea 8090	toxins 5725 varietal reactions 2725	control 2343
Picea abies 4469	Fusarium oxysporum	environmental factors 2343
taxonomy 4750	in vitro selection 882, 6608	yield losses 2343 Lupins
Lophodermium pinastri, pines 1004, 1537,	insects 4197, 6609	bean yellow mosaic potyvirus
1551	Fusarium oxysporum f.sp. medicaginis,	control 5734
Lophodermium pini-bungeanae, pines 1551 Lophodermium pini-excelsae, pines 1551	Nematoda 4198	resistance 2122
Lophodermium seditiosum, pines 558	Fusarium solani, in vitro selection	clover yellow vein potyvirus, epidemio
Lophodermium sulcigena, pines 4451	Glomus dimonahisaan	ogy 420
Loquats	Glomus dimorphicum, mycorrhizas, colonization 6326	cucumber mosaic cucumovirus
phytoalexins, activity 3756	Glomus intraradices	control 5734
Rosellinia necatrix	mycorrhizas	seeds 7758
control 7806	assessment 1788	spread 7758 transmission 7758
hosts 7806	staining 1788	yield losses 7758
Taiwan 7806	Leptosphaerulina trifolii	Diaporthe woodii
Lotus corniculatus phytoalexins, elicitors 6618	characteristics 3362	breeding 1403
seedborne organisms, USA 5738	environmental factors 5732	isolates 2735
Lotus tenuis	epidemiology 3361 isolates 3362	varietal reactions 1404
Stemphylium	models 3361	Western Australia 2735
Argentina 7762	mycorrhizas	Fusarium breeding 421
symptoms 7762	genotypes 4714	resistance 7759
Stemphylium loti	growth 4714	Glomus
Argentina 7762	phosphorus 4714	mycorrhizas
symptoms 7762 LS84606, control, Oncobasidium the-	plant density 4714	infection 5342
obromae, cocoa 2572	Saudi Arabia 1177	spore germination 5342
LS860263, antifungal properties 6272	Peronospora trifoliorum	Phoma, Quebec 7760
Lucerne	biochemistry 4200 overwintering 417	Pleiochaeta setosa
Acrocalymma medicaginis, South Aus-	varietal reactions 4200	sowing depth 5735
tralia 885	Phoma medicaginis, environmental fac-	survival 7157 Western Australia 5735
alfalfa mosaic virus	tors 5732	viruses, reviews 6614
coat proteins 6607	Phomopsis, South Australia 885	Lychnis ringspot hordeivirus, serological
genetic transformation 6607 hypersensitivity 2729	Phytophthora megasperma f.sp.	relationships 1262
indexing 2730	medicaginis pathogenicity 2121	Lycopersicon
interactions 413	temperature 2121	Pseudomonas syringae pv. tomato
resistance 6607	varietal reactions 2121	races 1480 resistance 1480
screening 2729	yield losses 884	Septoria lycopersici, resistance 5056
seeds 2730	Pleospora herbarum	Lycopersicon esculentum (see Tomatoes)
varietal reactions 7754	pathogenicity 4933	Lycopersicon pennellii, Fusarium
Aphanomyces euteiches isolates 415	toxins 4933	oxysporum f.sp. lycopersici, resis-
pathogenicity 415, 2121	Pythium irregulare	tance 4375
Quebec 4199	California 3367 soil water 3367	Lycopersicon peruvianum, Clavibacter
Queensland 3366	temperature 5733	michiganensis subsp. michiganensis, in vitro selection 1478
temperature 2121	yield losses 5733	Lycopodium cernuum, Stomatogene lyco-
USA 415	Pythium ultimum	podii, Hawaii 698
varietal reactions 2121, 3366	California 3367	Lyophyllum shimeji, culture media 4698
yield losses 884	soil water 3367	Macrocarpium officinale
Clavibacter michiganensis subsp. insidiosus, breeding 2734	Sclerotinia sclerotiorum	Glomerella cingulata
Colletotrichum lindemuthianum	burning 2733 sclerotia 2733	environmental factors 2935
elicitors 7756	susceptibility 2732	epidemiology 2935 Shaanxi 2935
host parasite relationships 1400,	testing 2732	Macrocarpium officinalis (see Cornus
7756	Sclerotinia trifoliorum	officinalis)
phytoalexins 1400	control 416	Macrophoma, Eucalyptus citriodora 984
RNA 1400	histopathology 412	Macrophoma castaneicola, chestnuts 535
Colletotrichum trifolii	susceptibility 412, 2732	Macrophoma dalmatica, olives 6686
host parasite relationships 6612- 6613	testing 2732 tobacco streak ilarvirus	Macrophoma theicola, tea 7969
infection 6612-6613	epidemiology 3616	Macrophomina phaseolina
phenolic compounds 5724	pathotypes 3616	Abelmoschus esculentus 1830 Bacillus, antagonism 3873
quality 5724	seeds 3616	carrots 6010
South Africa 6611	Washington 3616	cassava 1642
ultrastructure 6612-6613	Verticillium albo-atrum	Casuarina equisetifolia 4424
varietal reactions 5724, 6611 Coprinus psychromorbidus	Alberta 5731	chicory 6934
pathogenicity 725	Canada 5730	Cicer arietinum 4576, 6088, 8271,
temperature 725	growth 3365 host parasite relationships 3365	8280 cotton 835 1830 2052
diseases	in vitro selection 7757	cotton 835, 1830, 2053 cowpeas 630, 8246
biological control 5728	irrigation 5727	crops 1655, 7191
breeding 7746	photosynthesis 3368	enzymes 1825

Macrophomina phaseolina cont. Maize cont. Maize cont. Epicoccum nigrum, antagonism 4578 Aspergillus flavus cont. diseases cont Euphorbia lathyris 4181 fungicide tolerance 49 biochemistry 4861 control 7557 genetics 1990 control 7551 groundnuts 1613, 4564, 8222, 8227 hosts 723, 1655, 1830 Hydrilla verticillata 1651 Jasminum 4184 Georgia 2000 Georgia 6495 histopathology 3293 host parasite relationships 4861 infection 320 Germany 5612 India 4057 mycorrhizas 123 infectivity 1348 insects 2000 quarantine 4057 Queensland 1993 laboratory tests phosphorothioates 4674 Insects 2000 Mississippi 1348 seeds 320, 1348, 3292-3293 survival 1348 Taiwan 6505 toxins 2000, 4067, 4858, 7563 varietal reactions 4067, 4858, 4861 resistance 6495 selection 3286 plant extracts 4671 maize 798, 1992, 3287, 4853, 4860, 5623, 7554-7555 peas 2357, 4530 Ukrainian SSR 7555 USA 5608 varietal reactions 5612 Pelargonium 2713 Phaseolus lunatus 6055 Yugoslavia 2642 Phaseolus vulgaris 6050 Aspergillus glaucus Enterobacter agglomerans, root exudates 5313 Piper betle 1436 moisture content 1349 storage 1349
Aspergillus parasiticus Erwinia chrysanthemi, biovars 5261 Ricinus communis 2171, 4997 Schima walichii 4407 sesame 4304, 7870-7871 Erwinia chrysanthemi pv. zeae testing 2006 infectivity 1348 soil 693, 1831, 3873, 7211-7212, 7236, Mississippi 1348 varietal reactions 2006 8227 seeds 1348 Erwinia stewartii testing 324 varietal reactions 324 sorghum 2008, 3295, 4864, 5627, 5630, survival 1348 7568 toxins 4067 7568
Soyabeans 3016-3017, 4550, 5174, 7236, 8209, 8212
Streptomyces, antagonism 3873 sunflowers 1830, 2176, 3957, 5839, 5842, 6702, 7879 tobacco 1462, 4354 tomatoes 4385
Trichoderma antagonism 3873 varietal reactions 4067 fungi Aspergillus repens detection 2003 storage 2003 control 5615 roots 5615 barley stripe mosaic hordeivirus, induced mutations 4851 barley yellow dwarf luteovirus, control 3237 fungicides activity 7053 phytotoxicity 5529 residues 5615 Trichoderma, antagonism 3873 turmeric 7887 Fusarium breeding 3990 control 3990, 4058 Botryodiplodia theobromae enzymes 797 seeds 797 Uraria picta 460 Vigna mungo 593, 3659 Vigna radiata 593, 1086, 1830, 3957, 4578, 4583, 8263 epidemiology 4058 germination 2647 varietal reactions 797 Cephalosporium maydis control 2005, 2646, 5624 Nematoda 6504 India 2647 Vigna umbellata 1618 inoculation 4859 Macroptilium atropurpureum, Uromyces appendiculatus, pathotypes 4203 Italy 3980 New Zealand 4065 Ohio 7553 sowing date 6507 Macrosiphum albifrons, transmission, viruses 4762-4763 varietal reactions 2646 yield losses 2005 rain 7553 Macrosiphum euphorbiae Cercospora zeae-maydis, breeding 2004 rotations 7553 Clavibacter michiganensis subsp. nebraskensis genetics 4072-4073 resistance 3294 storage 1337 transmission potato leaf roll luteovirus 5008 potato Y potyvirus 5008 Macrosteles striifrons, transmission, mycoplasma-like organisms 2401 Macrotyloma uniflorum symptoms 4064 testing 5620 tillage 7553 toxins 3980, 4058, 4063-4065 seeds 801 Ukrainian SSR 4853 transmission 801 Colletotrichum lindemuthianum, sus-ceptibility 6052 USA 1929 yield losses 3294 Cochliobolus carbonum genetics 1335, 1346 host parasite relationships 6506 varietal reactions 3990, 4853 Neocosmospora vasinfecta India 1623 Fusarium crookwellense Poland 1350 toxins 1350, 1937 symptoms 1623 induced resistance 3290-3291 Fusarium sporotrichioides Korea Republic 4857 toxins 4857 Madagascar, rice, Pseudomonas fus-covaginae 2032 inhibitors 3291 North Carolina 4069 pathogenicity 6527 Magnaporthe grisea (see also Pyricularia Gaeumannomyces graminis var. maydis, control 7565 races 4069 oryzae) tissue culture 323 toxins 323, 6506, 6527 Cochliobolus heterostrophus breeding 793 DNA fingerprinting 3302 Eleusine coracana 810, 5643, 7584 Gibberella Eleusine indica 1649 control 4058 Eragrostis curvula 3360 epidemiology 4058 toxins 4058 Eragrostis curvuta 336 Eragrostis grisea 1649 gene mapping 335 pathotypes 3302 rice 1367, 1649, 6523 USA 3302 cytoplasmic male sterility 1341 genetic transformation 4060 genetics 6499, 7552 host parasite relationships 319 Gibberella fujikuroi assessment 1339 breeding 3289 control 321, 1992 inhibition 1343 Magnaporthe poae grasses 3355 Poa annua 873, 3357 Poa pratensis 3357, 6604 metabolism 319 infection 320 pathogenicity 1343, 4060 inoculation 1345 races 1342 insects 6502 toxins 794, 1341, 1343, 7558 varietal reactions 1338 West Bengal 1342 morphology 6502 Nigeria 3287 Magnaporthe salvinii, rice 1830, 2027, 2663, 4102, 6519, 7613

Magnolia grandiflora, Parastenella magnoliae, taxonomy 1227 Oklahoma 7562 Colletotrichum graminicola genetic analysis 5621 organic amendments 1992 pathogenesis-related proteins 6503 pathogenesis-related presistance 3289, 6501 seeds 320-321, 796 soil amendments 7554 susceptibility 6502 tillage 3287 host parasite relationships 319 metabolism 319 Mahonia, Gambleola corunta, India 7250 Mahonia aquifolium, plant extracts, antibacterial properties 3088 susceptibility 800 wounding 800 Mahonia nepalensis Stenella mahoniae Nepal 7237 tillage 3287
varietal reactions 1339, 4312
Gibberella fujikuroi var. subglutinans Coniothyrium phyllachorae environmental factors 5613 taxonomy 7237 Mexico 5613 Maize yield losses 5613 control 321 aflatoxins, resistance 4066
Alternaria alternata
seeds 3968
toxins 3968 seeds 321 cucumber mosaic cucumovirus South Africa 1988 Gibberella zeae assessment 1339 transmission 1988 control 3988, 6274 varietal reactions 3968 Aspergillus flavus aflatoxins 3292, 6505 biological control 3107 crop residues 3988 breeding 123, 2642, 6490 environmental factors 1999 China 5608 inoculation 1999

Maize cont.	Maize cont.	M-:
Gibberella zeae cont.	mycotoxins	Maize cont. Trichoderma cont.
pathogenicity 3985, 7418	activity 7556	tillage 7553
Poland 1350 selection 795	seeds 7556	Trichoderma harzianum
toxins 1350, 1937, 7418	Penicillium	colonization 1931
trichothecenes 3985	control 7551 identification 799	strains 1931
varietal reactions 1339	storage 799, 1337	Trichoderma longibrachiatum
Gigaspora calospora, mycorrhizas,	Peronosclerospora heteropogoni	pathogenicity 4071 seeds 4071
inoculum 6330	plant age 4059	Yugoslavia 4071
Gigaspora margarita, mycorrhizas,	susceptibility 4059	Ustilago zeae
inoculum 6330 Glomus	Peronosclerospora philippinensis	breeding 6494
mycorrhizas	breeding 1340	host parasite relationships 5509
heavy metals 4709	environmental factors 3288 Philippines 3288	intraspecific hybridization 6497
herbicides 5345	varietal reactions 1340	varietal reactions 2643, 4855
nutrient uptake 4709	Peronosclerospora sorghi	viruses Egypt 6491
Glomus caledonium, mycorrhizas, inoc-	inoculation 4856	mixed infections 5513
ulum 6330	screening 4856	Réunion 5609
Glomus dimorphicum, mycorrhizas, colonization 6326	varietal reactions 6498	transmission 5609
Glomus fasciculatum, mycorrhizas,	Phaeosphaeria maydis, genetics 1351	wheat dwarf geminivirus
inoculum 163, 6330	Phyllachora maydis	nucleotide sequences 4056
Glomus mosseae, mycorrhizas, root	environmental factors 5613 Mexico 5613	replication 4056
exudates 5313	yield losses 5613	wheat streak mosaic virus
Kabatiella zeae	Puccinia sorghi	cytoplasmic inclusions 3978 genetics 7550
genetics 2001	breeding 1994	mixed infections 3978
nutrition 2648	control 791-792	Ontario 5524
Macrophomina phaseolina control 1992, 4860	epidemiology 791	screening 5524
inoculation 798	genetics 6496	susceptibility 5524
Nigeria 3287	New York 791-792	Xanthomonas campestris pv. zeae,
organic amendments 1992	yield losses 4854 Pythium myriotylum	restriction fragment length po
screening 5623	control 3834	morphism 1352
soil amendments 7554	mycorrhizas 3834	Maize chlorotic dwarf machlovirus grasses 6415
tillage 3287	Rhizoctonia solani	maize 789, 1987, 5611, 6415, 6492
Ukrainian SSR 4853	inoculation 322	Maize chlorotic mottle virus, maize 48:
varietal reactions 4853, 4860	screening 322	Maize dwarf mosaic potyvirus
yield losses 4860 maize chlorotic dwarf machlovirus	susceptibility 5506	coat proteins 3198, 3525
cytoplasmic inclusions 6492	rice tungro spherical virus, Thailand	maize 317, 1987-1988, 2637-2640,
strains 789	7591 Sclerospora graminicola, testing 1347	3978, 4850, 5610, 7414, 7548-
symptoms 789	seedborne fungi	7549 serology 3525
transmission 5611	control 7551	sorghum 2007
varietal reactions 1987	Karnataka 5616	strains 3198
vectors 6415	Mexico 5614	sugarcane 960
maize chlorotic mottle virus, seeds 4852	plant oils 1991	Maize mosaic rhabdovirus, maize 5609
maize dwarf mosaic potyvirus	seed quality 318	Maize streak geminivirus
breeding 2640	Setosphaeria turcica	cereals 6434
cytoplasmic inclusions 3978	breeding 6500 China 4061	detection 1910
genetics 2638-2639, 5610	control 1997	DNA 1910 maize 1336, 2641, 5609
Germany 2637, 4850	enzymes 7561	nucleotide sequences 2537
Hungary 2640	fertilizers 7559	pathogenicity 1263
Illinois 317	Florida 7560	serology 1263
mixed infections 3978 Pakistan 7548	genetics 4062	Maize stripe tenuivirus
South Africa 1988	India 7559	maize 790, 4055, 5609
spread 317	isolates 2645 Israel 2645	sorghum 4862
Taiwan 7414, 7549	races 4062, 7560	Maize white line mosaic virus
transmission 1988, 2637	resistance 2644, 7561	maize 5521 wheat 5521
varietal reactions 1987, 7414, 7549	screening 2644	Malawi
yield losses 4850, 7549	varietal reactions 1338, 1344, 1998,	coffee, Glomerella cingulata 6550
maize streak geminivirus	4061, 5619	groundnuts, groundnut rosette virus
molecular genetics 2641 transmission 1336	Sphacelotheca reiliana	6885
maize stripe tenuivirus	breeding 1996, 6494	pigeon peas, Fusarium udum 8279
crystals 790	genetics 1996, 4068 host parasite relationships 5509	pines
hosts 4055	infection 7564	mycorrhizas 1166 Pisolithus tinctorius 3802
identification 790	Mexico, control 5618	sorghum
Taiwan 4055	spore germination 7564	Claviceps sorghi 3296
transmission 4055	Spiroplasma kunkelii	Tolyposporium ehrenbergii 1358
varietal reactions 4055 maize white line mosaic virus, inocula-	morphology 6493	Malaysia
tion 5521	motility 6493	Acacia mangium, heart rot 1500
Monographella maydis	strains 6493 Stenocarpella macrospora	Chinese cabbages, diseases 6422
environmental factors 5613	toxins 2002	citrus, greening 829 Dipterocarpaceae, mycorrhizas 7120
Mexico 5613	Zimbabwe 2002	fruit trees, fungi 423
yield losses 5613	Stenocarpella maydis	oil palms, Fusarium oxysporum f.sp.
mycorrhizas	assessment 1339	elaeidis 7905
breeding 123	seed testing 5622	Palmae, Ceratosporella disticha 188
disturbed soils 1193	varietal reactions 1339	pawpaws, papaya ringspot potyvirus
fungicides 3834	sugarcane mosaic potyvirus Germany 2637, 4850	6678
genotypes 4714	transmission 2637	plant diseases, legislation 6292 rice
growth 4714	yield losses 4850	diseases 2655
mineral nutrition 3815	Thanatephorus sasakii, control 4070	rice tungro virus 6514
phosphorus 1193, 4714	Trichoderma	rubber
plant density 4714  Mycosphaerella zege maydis genetics	Ohio 7553	Corynespora cassiicola 7947
Mycosphaerella zeae-maydis, genetics 7552	rain 7553 rotations 7553	diseases 7946

lalaysia cont.	Mancozeb cont.	Mandarins cont.
tomatoes, diseases 6422	control cont.	Phytophthora, control 7663
falus — — — — — — — — — — — — — — — — — — —	Glomerella cingulata	Maneb
apple chlorotic leafspot virus, suscepti-	Coriandrum sativum 2165	control
bility 4943	persimmons 6685	Alternaria solani, tomatoes 508
Erwinia amylovora	yams 8322	Cercospora apii, celery 4508
	Macrophomina phaseolina, Phaseo-	Fusarium oxysporum f.sp. cepae,
screening 4215	lus vulgaris 6050	onions 6923
varietal reactions 3403		
Podosphaera leucotricha, resistance	Mycosphaerella caryigena, pecans	Glomerella cingulata
3960	3562	coffee 833
proliferation	Periconia manihoticola, rubber 959	yams 8322
histopathology 5744	Peronospora trigonella, Trigonella	groundnuts, diseases 3643, 4560
	foenum-graecum 5850	lettuces, storage decay 4586
mycoplasma-like organisms 5744		
Venturia inaequalis	Pestalotia psidii, guavas 5794	Mycosphaerella gibsonii, pines 2943
Ohio 2757	Phomopsis psidii, guavas 3967	ornamental plants, diseases 2063
varietal reactions 2757	Phomopsis vexans, aubergines 1639	Phytophthora infestans, potatoes
falus pumila (see Apples)	Phomopsis viticola, grapes 3967	947, 3122
	Phyllosticta, cloves 932	Puccinia cichorii, chicory 6932
falus toringo	Phyllosticta arecae, Areca catechu	
plant extracts, antifungal agents 1828		fungicide residues, groundwater 1733
proliferation	466	Manganese
mycoplasma-like organisms 5743	Phytophthora, rubber 5026	deficiency
resistance 5743	Phytophthora infestans	mangoes 1425
	potatoes 946-947, 1445, 2864,	wheat 6472
lalva parviflora, abutilon mosaic	3122, 5874, 6727	toxicity, Panax pseudoginseng 5852
geminivirus, isolates 3323	Solanum laciniatum 7884	Mangoes
falva pusilla		
Colletotrichum gloeosporioides f.sp.	Phytophthora nicotianae var.	Alternaria alternata, Karnataka 2150
malvae	parasitica, Hibiscus sabdariffa	Botryodiplodia theobromae
biological control 4619-4620, 5227	4910	control 5797
	Prathigada zizyphi, Ziziphus	India 5797
herbicides 4620	mauritiana 2819	storage 4276
pesticides 4619		
lancozeb	Pseudoperonospora cubensis,	temperature 4276
activity	cucumbers 2995	Botryosphaeria ribis, Florida 4275
Alternaria alternata 7983	Puccinia graminis, wheat 6453	Cladosporium cladosporioides, India
	Puccinia recondita, wheat 294,	720
Fusarium oxysporum f.sp. nico-	6453	diseases
tianae 4361	Puccinia sorghi, maize 792	
lentils, nitrogen fixation 6908		control 2562
mycorrhizas 156	Puccinia striiformis	Nigeria 2562
Phytophthora colocasiae 5290	barley 6475	disorders
	wheat 6453	environmental factors 2816
Phytophthora infestans 7884	Pyrenophora graminea, barley 7529	India 2816
pines, mycorrhizas 68	Pythium, ginger 5845	Fusarium pallidoroseum, India 720
Pythium aphanidermatum 1148		
Pythium ultimum 4955	Pythium ultimum, apples 4955	Fusarium solani
Rhizoctonia solani 5061	Rhizoctonia carotae, carrots 5141	India 2151
	Rhizoctonia solani, radishes 1924	symptoms 2151
soil biology 7071	Schizothyrium pomi, apples 7772	Gibberella fujikuroi var. subglutinans,
soyabeans 6877	seedborne fungi, Capsicum 2411	India 720
Venturia inaequalis 6624		
Xanthomonas campestris pv. gly-	soyabeans, diseases 1606	Glomerella cingulata, control 922
	Stagonospora sacchari, sugarcane	mineral deficiencies, symptoms 1425
cines, soyabeans 616	2224	Nectria rigidiuscula, India 720
control	Stemphylium vesicarium, onions	Oidium erysiphoides, control 7412
Alternaria, cauliflowers 5998	6924	Oidium mangiferae
Alternaria alternata, sesame 1437		
Alternaria brassicae	sunflowers, diseases 457	biochemistry 7831
Cruciferae 5988	Taphrina deformans, peaches 4254	conidia 5796
	Tilletia laevis, wheat 4011	environmental factors 7832
Indian mustard 6002	Vaccinium, storage decay 3450,	spore dispersal 7832
mustard 2331	6655	survival 5796
radishes 1029	Venturia inaequalis, apples 895,	
rape 2331		temperature 5796
Alternaria gomphrenae, Gomphrena	897	Pestalotia mangiferae
	wheat, diseases 744	control 7415
globosa 5710	Xanthomonas campestris pv. vesi-	storage 7415
Alternaria macrospora, cotton 351	catoria 6125	Phomopsis mangiferae, biochemistry
Alternaria padwickii, rice 7630	Xanthomonas campestris pv.	6676
Alternaria porri	vignicola, cowpeas 3653	
leeks 6922		Polyporus occidentalis, decay 1569
	Zaghouania phillyreae, Osmanthus	Pseudomonas syringae
onions 637	aurantiacus var. thunbergii	control 2152
Alternaria solani	2101	Israel 2152
potatoes 4328, 6731	fungicide residues	Pycnoporus sanguineus, decay 1569
tomatoes 508, 5925	cucumbers 7074	storage decay, control 4277
Apiognomonia erythrostoma, apri-	groundwater 1733	
cots 2795		Trametes lactinea, decay 1569
	fungicide tolerance	Xanthomonas campestris pv.
Aspergillus niger, groundnuts 6079	Aspergillus niger 1615	mangiferaeindicae
black currants, diseases 4258	Macrophomina phaseolina 49	epidemiology 7833
Botryosphaeria obtusa, apples 1411	persistence	Japan 7834
Botrytis cinerea, Cicer arietinum	apples 7776	
8267		varietal reactions 6677
	soil 1705	Manihot esculenta (see Cassava)
Botrytis elliptica, Lilium 6568	phytotoxicity, melons 8164	Manila hemp (see Musa textilis)
Cercospora asparagi, asparagus	seed treatment	Manures
3674	barley 7529	activity, Fusarium oxysporum f.sp.
Cladosporium humile, Populus	Cicer arietinum 8267	raphani, soil 7233-7234
ciliata 4417	groundnuts 1616	
		control, Aphanomyces euteiches, peas
Coleosporium asterum, Callis-	lentils 6908	597
tephus chinensis 4173	soyabeans 3012	Maples (see Acer)
Colletotrichum capsici, Piper betle	soil treatment 2802	Marasmiellus albofuscus, coconuts 464
2168	Mandarins	Marasmiellus cocophilus, coconuts 464
Corynespora cassiicola, Ceiba pen-	Elsinoë fawcettii, control 5676	
		Marasmiellus inoderma, coconuts 464
tandra 4425	Glomus fasciculatum, mycorrhizas,	Marasmius oreades, lawns and turf 2108
cotton, boll rot 6557	Indian Punjab 7125	Marasmius perniciosus (see Crinipellis
cowpeas, seedborne fungi 2378	Oidium tingitaninum, control 7675	perniciosa)
Entyloma eryngii, Eryngium	Penicillium italicum	Maravalia, taxonomy 2525
alpinum 862	control 2038	Maravalia crytostegiae, Cryptostegia
Gloeodes pomigena, apples 7772	storage 2038	grandiflora 6140

sicer-

Mariscus sieberianus	Melampsora	Malati
Puccinia pogonatheri	Populus 4421	Meloidogyne javanica interactions
Arunachal Pradesh 7238	Salix 8048	Rhizoctonia solani, Lagenaria sicer
taxonomy 7238	Melampsora apocyni, Apocynum venetum	aria 6027
Marrows	var. basikuromon 697	Sphaerotheca fuliginea, cucumbers
cucumber mosaic cucumovirus RNA 3607	Melampsora ciliata, Populus 541	582
strains 2547	Melampsora coleosporioides, Salix 8048	Melons
symptoms 3607	Melampsora epitea, Salix viminalis 5945	Alternaria alternata f.sp. cucurbitae,
transmission 3607	Melampsora larici-populina, Populus	Greece 2345
Nectria haematococca	2269, 8048, 8076	Alternaria cucumerina
adhesion 2352	Melampsora lini	Argentina 6851
macroconidia 2352	flax 354, 7693	genetics 1042 resistance 1042
mutants 2352	Linum marginale 6978 Melampsora medusae	Cochliobolus lunatus
virulence 2352	Populus 2269, 8048	biochemistry 6031
silverleaf	Populus deltoides 1517	postharvest decay 6031
aetiology 2987, 3605	Melampsora populnea	cucumber green mottle mosaic
RNA 2987	pines 1004, 5102	tobamovirus
transmission 2987	Populus 541	induced resistance 1895
zucchini yellow mosaic potyvirus France 2989	Melampsora serissicola, Serissa ser-	mulching 6841
induced resistance 2988-2989	issoides 2523	screening 1039
Taiwan 2988	Melampsoridium betulinum, Betula 2259	strains 1895
Marssonia castagnei, Populus 8048	Meianconis alni, Alnus rubra 8080	cucumber mosaic cucumovirus detection 1037
Marssonina, Populus 545, 4421	Melanins, inhibitors, activity, Pyricularia	Japan 6019
Martinique	oryzae 1151	mixed infections 1037
Spondias dulcis, Xanthomonas campes-	Melanophila picta, epidemiology, Valsa	molecular genetics 6018
tris 2821	sordida, Populus 990	susceptibility 6019
tomatoes, Pseudomonas solanacearum	Melanospora, hosts 1655	symptoms 3203
1481	Melia azedarach	temperature 6018
Masdevallia	Cercospora meliae, Tropics 2920 Rhizoctonia solani	transmission 1037
bean yellow mosaic potyvirus	control 2256	varietal reactions 6019
control 2098 genetics 2098	India 2256, 5061	Didymella bryoniae, sporulation 6847
transmission 2098	witches' brooms	Erwinia amylovora
Massarina tetraploa, Carex acutiformis	mycoplasma-like organisms 5085	agglutinins 7080
1228	Paraguay 5085	host parasite relationships 7080 Erwinia ananas
Mastigosporium muticum, Dactylis 880	Melilotus, plant extracts, antibacterial	postharvest decay 2996
Matthiola incana, Xanthomonas campes-	agents 6199	Texas 2996
tris pv. incanae, Iran 1388	Melilotus alba	fungicides, phytotoxicity 8164
Mauritius	tobacco streak ilarvirus	Fusarium
pesticides, usage 6242	epidemiology 3616	India 6845
vegetables, diseases 6242	pathotypes 3616	postharvest decay 6845
Mazus miquelii, Aecidium foetidum, spor-	seeds 3616	Fusarium oxysporum f.sp. dianthi,
ulation 210	Washington 3616  Melilotus indica	antagonists 5967
MBC (see Carbendazim)		Fusarium oxysporum f.sp. melonis
Mebenil, activity, Fusarium 2315 Medicago	Colletotrichum lindemuthianum, India 408	breeding 1588 crop residues 2344
Fusarium	Peronospora trigonella, pathogenicity	genetics 1588, 3613
rotations 309	5850	resistance 3613
seeds 309	Melilotus officinalis, Glomus mosseae,	soil treatment 6030
South Africa 309	mycorrhizas, environmental factors	Spain 8172
Gibberella avenacea	2505	survival 2344
seed treatment 1306	Meliola, China 1845	varietal reactions 589, 8172
varietal reactions 1306	Meliola cyclobalanopsina var. globopodia,	Fusarium pallidoroseum
Gibberella zeae	Cyclobalanopsis velutina 1845	biochemistry 6031
seed treatment 1306	Meliola hainanensis, Scleropyrum wal-	postharvest decay 6031 glassiness, irrigation 1590
varietal reactions 1306	lichianum 1844 Meliola lithocarpina var. mengyangensis,	lettuce infectious yellows virus
Phoma medicaginis testing 2123	Lithocarpus 1845	covers 579
varietal reactions 2123	Meliola ramacharii, Persea macrantha	transmission 579
Medicago polymorpha, plant extracts,	1858	Monosporascus cannonballus
antibacterial agents 6199	Meliola yuanjiangensis, Viburnum 1845	Japan 1043
Medicago polymorpha var. brevispina	Meliolaceae	survival 1043
Phoma medicaginis	China 1844, 2522	mycorrhizas, phosphorus 174
varietal reactions 6615	India 3877, 3879	Myrothecium roridum
Western Australia 6615	taxonomy 3877, 3879	pathogenicity 583, 8174 toxins 583, 8174
yield losses 6615	Meloidogyne incognita	varietal reactions 583
Medicago sativa (see Lucerne)	interactions	Pseudoperonospora cubensis
Medicago truncatula	Aspergillus niger, tomatoes 504	breeding 1588
Gibberella avenacea	cowpeas, mycorrhizas 129	control 6850
pathogenicity 1307 rotations 1307	Fusarium, soyabeans 611 Fusarium oxysporum f.sp. lycoper-	Czechoslovakia 4517
Gibberella zeae	sici 6762	inoculation 584
pathogenicity 1307	tomatoes 5922	resistance 4517
rotations 1307	Fusarium solani	selection 3610
Medicinal plants	aubergines 1104-1105	Sclerotinia
Bihar 4300	Capsicum 8312	Japan 8171 symptoms 8171
fungi 4300	Pseudomonas solanacearum 6762	Sphaerotheca fuliginea
storage 4300	aubergines 8314	control 1041
toxins 4300	potatoes 2881	Czechoslovakia 4517
Mediterranean countries	Pythium, soyabeans 611	resistance 4517
pome fruits, Erwinia amylovora 4218	Pythium aphanidermatum, toma-	squash mosaic comovirus
stone fruits, viruses 907  Melaleuca leucadendron, plant extracts,	toes 504	Iran 1586
antifungal agents 7056	Pythium debaryanum, tomatoes 5922	seeds 1586
Melaleuca uncinata	Rhizoctonia solani, cowpeas 628-	transmission 1586
mycorrhizas	629, 8247	storage decay, control 6846 viruses
fires 1174	tomato mosaic tobamovirus, toma-	California 579
South Australia 1174	toes 4370	control 579

Melons cont.	Metalaxyl cont.	Methyl bromide cont.
viruses cont.	control cont.  Plasmopara viticola, grapes 1428	control cont.  Fusarium oxysporum f.sp. cubense,
Spain 2339 vectors 579	Pythium	bananas 2815
watermelon mosaic I potyvirus, mulch-	cucumbers 2997	Gypsophila paniculata, diseases
ing 6841	ginger 7886	4182
watermelon mosaic II potyvirus	groundnuts 1077	nectarines, storage decay 2794
detection 1037	Pythium aphanidermatum	Phytophthora cactorum 7811
Iran 1586 mixed infections 1037	cucumbers 6848	Pyrenochaeta lycopersici, tomatoes 4381
transmission 1037	ginger 7891 tobacco 7986	soil, plant pathogens 3865
yellowing	Pythium myriotylum	strawberries, diseases 4263
host range 2341	Colocasia esculenta 3057	Verticillium dahliae 7811
Spain 2340	maize 3834	fungicide residues
transmission 2340-2341	Pythium spinosum, cucumbers 6848	greenhouse crops 3759
zucchini yellow mosaic potyvirus	Pythium sylvaticum, peas 3621	soil 3759
induced resistance 2988 models 1889	Pythium ultimum	nontarget effects, man 3788 soil treatment 936, 1629, 3602, 3751,
Taiwan 2988	apples 4955	3788, 3863, 4379, 8168
Melothria scabrella	cotton 2051	Methyl isocyanate, activity, Glomus fas-
Pseudocercospora scabrella	peas 3621 Rhizoctonia, cucumbers 2997	ciculatum 157
taxonomy 7253	Rhizoctonia solani	Methylmercury dicyandiamide, activity,
Uttar Pradesh 7253	Euphorbia pulcherrima 860,	Fusarium 2315
Mentha arvensis	4180	Metiram control
phylloplane fungi, age 2166 plant extracts, antifungal agents 4378	groundnuts 1077	Alternaria solani, tomatoes 968
Puccinia menthae, Arunachal Pradesh	Sclerospora graminicola, Pen-	Fulvia fulva, tomatoes 968
2163	nisetum americanum 2012,	Phytophthora infestans, potatoes
Mentha cardiaca, fungicides, activity 2846	5634 Ustilaginoidea virens, rice 4107	7924
Mentha piperita	formulations 54	Venturia inaequalis, apples 2470
phylloplane fungi, age 2166	fungicide residues, Pennisetum ameri-	Metopolophium dirhodum, transmission,
tomato spotted wilt virus, Oregon 5825	canum 2652	barley yellow dwarf luteovirus 2581, 5523
Mentha spicata cucumovirus, Shang-	fungicide tolerance	Metschnikowia hawaiiensis, Ipomoea
hai 4302	Bremia lactucae 3661, 4587	acuminata 2095
tomato aspermy cucumovirus, Shanghai	Phytophthora 5518	Mexico
4302	Phytophthora infestans 475, 3151, 3508, 4323, 7927-7928	apples
Mentha viridis, phylloplane fungi, age	Phytophthora nicotianae var.	diseases 5746
2166	parasitica 3153	Erwinia amylovora 3381, 5762 avocados
Mepanipyrim, antifungal properties 6269 Mepronil	Plasmopara halstedii 2173	diseases 5789
control	seed treatment	Phytophthora cinnamomi 5786,
black currants, diseases 4258	faba beans 607	5788
Thanatephorus cucumeris,	sorghum 327, 5628	bananas, Pseudomonas solanacearum
sugarbeet 5136	sunflowers 2173 tobacco 7986	6674
Mercuric chloride, activity, Pythium	vegetables 1021	Capsicum
ultimum 4955	soil treatment 54, 2718, 2802, 3046,	Phytophthora capsici 6926 viruses 2405, 6113
Meria laricis, larch 8091 Metalaxyl	4379	Carthamus, Stemphylium solani 5833
activity	Metam	citrus, Hypoxylon deustum 5679
Phytophthora colocasiae 5213,	control, Sclerotium cepivorum, onions	coffee, Hemileia vastatrix 4153
5290	6919 titration 6243	Coniferae
Phytophthora infestans 1150, 7884	Metham-sodium	Ceratocystiopsis 4435
Phytophthora nicotianae var. parasitica 1150	activity, Pseudomonas gladioli pv. alli-	Ophiostoma 4435 Cucurbitaceae, viruses 6016
Pythium ultimum 4955	icola, onions 4589	maize
control	control	diseases 5613
Albugo candida, mustard 5990	Agrobacterium tumefaciens, apples	seedborne fungi 5614
Albugo occidentalis, spinach 1024	2770	Sphacelotheca reiliana 5618
carrots, cavity spot 6009	Fusarium oxysporum f.sp. cepae, onions 4589	onions, mycorrhizas 680
Cladochytrium caespitis, lawns and turf 6599	Verticillium dahliae, soil 3864,	pears, Erwinia amylovora 3381, 4245
Fusarium culmorum, lawns and	3867	pesticides, usage 6225  Phaseolus vulgaris
turf 6599	Xanthomonas campestris pv.	Colletotrichum lindemuthianum
Peronosclerospora sorghi, sorghum	campestris, soil 2518	6049
327	Methfuroxam, activity, Tilletia tritici 3745	diseases 8192
Phacospora zizyphus-vulgaris,	Methionine, activity, Cochliobolus sativus 1204	plant pathogens 6360
Ziziphus sativa 448	Methoxyacrylates, antifungal properties	Pyracantha, Erwinia amylovora 3381
Phytophthora asparagus 5199	5287	Quercus, Ascodichaena mexicana 4416 Quercus chihuahuensis, Polyporus
citrus 4129	2-Methoxyethylmercury chloride	tenuiparies 3878
mandarins 7663	activity	soil
rubber 5026	Cochliobolus spicifer 1103	Pythium 3179
Phytophthora cactorum, apples	Fusarium oxysporum f.sp. sesami	Rhizoctonia solani 3179
4224	4998 Pythium ultimum 4955	Solanum, Phytophthora infestans
Phytophthora cambivora, chestnuts 4411	control	2199-2200 sorghum, <i>Macrophomina phaseolina</i>
Phytophthora capsici, Capsicum	Fusarium, potatoes 952	5627
2410, 6926	Ustilago scitaminea, sugarcane	squashes, viruses 6017
Phytophthora cinnamomi	7965	strawberries, diseases 5781-5782
avocados 5787	fungicide tolerance, Aspergillus niger	wheat
Rhododendron obtusum 390	1615	diseases 5546
Vaccinium 2139 Phytophthora infestans, potatoes	seed treatment, groundnuts 1616 soil treatment 5793	Pseudomonas fuscovaginae 775
Phytophthora infestans, potatoes 946, 1445, 2867, 5020, 5872,	Methyl bromide	Puccinia graminis 7458 Puccinia recondita 7458
7924	activity, chicory, postharvest decay	Michaelopus corticalis, interactions,
Phytophthora nicotianae var. nico-	4594	Cryphonectria parasitica, chestnuts
tianae, tobacco 7985	control	534
Phytophthora nicotianae var.	Acremonium, cucumbers 4514	Michenera artocreas, Ulmus 5942
parasitica, citrus 4133 Phytophthora palmivora, cocoa 269	Capsicum, diseases 4600 Corticium rolfsii, cucumbers 4514	Miconazole, activity, Aspergillus nidulans
,	Controllar rollar, Cacamillors 4514	

Subject Macx	
Microcephalothrips abdominalis, transmis-	Molecular a
sion, tobacco streak ilarvirus 5043  Microcyclus ulei, rubber 958, 2883, 4337-	Agrobac 52
4338, 6735-6736, 7948	70
Microdochium dimerum, opines 2507	alfalfa r
Microdochium panattonianum IMI descriptions 7254	Alternai arabis n
lettuces 3029	73:
Microorganisms, legislation 6169	Armilla
Microsphaera 4752	Aspergi
morphology 4752 taxonomy 4752	Aspergio avocado
Microsphaera alphitoides, Quercus 8071	bacterio
Microsphaera alphitoides f.sp. ziziphi,	barley n
Ziziphus mauritiana 1427, 4281	barley s
Microsphaera caraganae, Caragana sinica	190
361 Microsphaera penicillata	barley y 321
Platanus 1515	barley y
Rhododendron 2719	393
Microsphaera platani, Platanus acerifolia	bean gol
7255	548 bean lea
Microsphaera syringae, Syringa reticulata 361	bean yel
Microsphaera vanbruntiana var. sambuci-	209
racemosae	beet nec
Sambucus nigra 4427	739 beet yell
Sambucus racemosa 4427 Microsphaera vanbruntiana var. vanbrun-	belladon
tiana, taxonomy 4427	Bremia
Microsporum, coconuts 465	brome m
Microstegium japonicum, Puccinia aes-	734
tivalis, sporulation 210	cacao sw cacao ye
Microsulf control	carnation
Erysiphe polygoni	732
Vigna mungo 4523	carrot te
Vigna radiata 4523	cauliflow 190
Microula diffusa	738
Peronospora microulae China 1856	Ceratocy
taxonomy 1856	citrus ex
Microula pseudotrichocarpa	citrus tri Clavibac
Peronospora microulae	mic
China 1856 taxonomy 1856	clover ye
Microwave radiation, activity, soil fungi	Cochliob
3861	College b
Middle East	Colletotr columnea
grapes, grapevine leaf roll closterovirus 4284	commelin
stone fruits, viruses 907	cowpea
tobacco, Peronospora tabacina 6749	734
Mildothane, seed treatment, Panax	cowpea n
notoginseng 5005	Cryphone
Miliusa, Passalora anonacearum, Uttar Pradesh 1842	805
Mineral deficiencies	cucumbe
boron, coconuts 2851	toba cucumbe
copper, wheat 6472	249
magnesium, potatoes 937	145
manganese, wheat 6472 rice 2034	504 735
Mineral oils	cymbidiu
control	digitaria
Aspergillus ruber, peas 6860	Erwinia d
Mycosphaerella fijiensis var. dif- formis, bananas 7827	309
potato Y potyvirus, potatoes 941	464' Erwinia d
Minimedusa polyspora, control, Fusarium	Erwinia d
oxysporum f.sp. narcissi, Narcissus	1684
2710  Mirabilis jalapa, plant extracts, antiviral	Erwinia o
agents 7313-7314	15, Erwinia d
Modified atmosphere storage, control, cere-	1696
als, storage decay 738	Erwinia l
Moesziomyces penicillariae, Pennisetum americanum 4081	erysimum
Molecular genetics	figwort m
Achlya 5422	fijivirus g
Acremonium coenophialum 2115	foxtail me
Acremonium strictum 4734	Fulvia fu
African cassava mosaic geminivirus 6405, 7365	fungi 471
Agrobacterium 13, 1673, 2453	Fusarium Fusarium
Agrobacterium radiobacter 2452, 5251	Fusarium
Agrobacterium rhizogenes 1676, 2338	8011
Agrobacterium tumefaciens 9-11, 14,	Fusarium
1670-1672, 1674-1675, 1684, 2451, 3082, 3720, 4644, 5252,	lyco <sub>l</sub> Fusarium
, , , , , , , , , , , , , , , , , , , ,	I WSGITTUTT

```
genetics cont.
                                             Molecular genetics cont.
cterium tumefaciens cont.
54-5257, 6115, 6200-6202,
                                                 Fusarium solani 1819
                                                 Fusarium sporotrichioides 6372
02-7005
                                                 Fusarium tricinctum 6372
mosaic virus 241, 2551, 5908
                                                 Gaeumannomyces graminis 3156
geminivirus group 2537
ria alternata 199
nosaic nepovirus 3196, 3209,
                                                 Gibberella fujikuroi 5395
                                                 Gibberella zeae 194
ria 3158
                                                 Glomerella cingulata 1405, 1878, 3892
llus flavus 1816
                                                 grapevine chrome mosaic nepovirus
llus nidulans 5398
                                                       257-258, 3197
sunblotch viroid 5477
                                                 grapevine fanleaf nepovirus 3939, 5487,
phages 4653
                                                       6690
nild mosaic virus 3912
                                                 groundnut rosette virus 3644
tripe mosaic hordeivirus 314, 06, 2235, 7380
                                                 helenium S carlavirus 2553, 7328
                                                 Itersonilia 7282
ellow dwarf luteovirus 255,
                                                 Johnsongrass mosaic virus 3198, 5493
Laccaria 1755, 3136, 3814
3, 3924
ellow mosaic virus 3912, 3923,
                                                 Leptosphaeria maculans 4503, 5994
3-3934
                                                 Leptosphaeria nodorum 7495
den mosaic geminivirus 5158,
                                                 lily symptomless carlavirus 7328
                                                 Magnaporthe grisea 335, 3302
maize dwarf mosaic potyvirus 3198
f roll luteovirus 5485
low mosaic potyvirus 1902,
                                                 maize streak geminivirus 1910, 2641
                                                 mycoplasma-like organisms 858, 1919,
rotic yellow vein virus 5971,
                                                 1921, 3949, 4945, 5498-5499
mycorrhizal fungi 3814, 7092
0, 8124
ows closterovirus 3945, 5475
                                                 Mycosphaerella graminicola 3268,
na mottle tymovirus 7363 lactucae 2391-2392, 5360
                                                      6462
                                                 Nectria haematococca 6036
osaic bromovirus 5476, 7337,
                                                odontoglossum ringspot tobamovirus
                                                 1917, 7373
Oomycetes 183
ollen shoot virus 5494
llow mosaic tymovirus 1271
                                                ornithogalum mosaic potyvirus 1911
latent carlavirus 2554, 5482,
                                                pea early-browning tobravirus 253,
                                                      5496
mperate virus 4507
                                                pea enation mosaic virus 7354
er mosaic caulimovirus 256,
                                                pepper ringspot tobravirus 5496
3, 2550, 2552, 7336, 7384-
                                                 Phanerochaete chrysosporium 3846,
                                                      5368
stis ulmi 5069, 8062, 8064
                                                Phytomonas 5430
                                                Phytophthora capsici 6121
Phytophthora infestans 1197
ocortis viroid 8000
steza closterovirus 4123
                                                phytoreovirus group 7311
plum pox potyvirus 246, 1907, 2546, 3204, 3206-3207, 3441, 3932, 5479, 5495
potato leaf roll luteovirus 7355
ter michiganensis subsp.
higanensis 1678
llow vein potyvirus 5480
olus heterostrophus 794
lumei viroid 1 377
ichum graminicola 7193
                                                potato M carlavirus 3944, 4320, 7328
latent viroid 245
                                                potato mop top furovirus 714
na vellow mottle virus 5484
                                                potato S carlavirus 7328
hlorotic mottle bromovirus
                                                potato spindle tuber viroid 2896, 5455,
                                                5457, 7389, 7920
potato X potexvirus 3218, 5474, 5488,
7356
nosaic comovirus 1909, 5186-
ectria parasitica 5391, 5939,
8-8059
                                                potato Y potyvirus 242, 1914, 1916
                                                potato yellow mosaic geminivirus 5491
r green mottle mosaic
                                                potyvirus group 7338
Pseudomonas 5266
movirus 5489
mosaic cucumovirus 247.
                                                Pseudomonas cichorii 510
r mosaic cucumovirus 247,

5, 254, 259, 495, 967, 1259,

6, 2234, 3211, 3534, 4371,

6, 5920, 6018, 6766, 7351-

2, 7368, 7388, 7979
                                                Pseudomonas fluorescens 510, 2450
                                                Pseudomonas marginalis 1684
                                                Pseudomonas putida 510, 5025
                                                Pseudomonas solanacearum 1688-
m ringspot tombusvirus 3937
                                                      1689, 2236-2237, 3731, 7016, 7021, 7023-7024, 7026
streak virus 1251
amylovora 2457-2459, 3086,
1-3093, 3095, 3724-3726,
7, 6204
                                                Pseudomonas stutzeri 6428
                                                Pseudomonas syringae 385, 1693,
                                                      2450, 2706, 5266, 7022
carotovora 1682
                                                Pseudomonas syringae pv. glycinea
carotovora subsp. atroseptica
                                                      2372, 3106
                                                Pseudomonas syringae pv. papulans
4234, 6634
carotovora subsp. carotovora
1684, 1686, 2218, 3730, 6207
chrysanthemi 1680, 1683,
6, 2461, 5024, 5260, 7008
herbicola 2450, 3337, 6206
                                                Pseudomonas syringae pv. phaseolicola
                                                      3626, 6869
                                                Pseudomonas syringae pv. pisi 8188
                                                Pseudomonas syringae pv. savastanoi
 latent tymovirus 3929
                                                      19, 3108, 7013
osaic caulimovirus 240, 7384,
                                                Pseudomonas syringae pv. syringae
                                                      1692, 3009
                                                Pseudomonas syringae pv. tomato 18, 3106, 3550, 7019
roup 7311
osaic potexvirus 7366
lva 8016
                                                Pythium 182
9, 7153
                                                Pythium ultimum 184
 chlamydosporum 6372
                                               raspberry bushy dwarf virus 7367
 oxysporum 1824, 3162, 3168
                                               red clover mottle comovirus 4768
 oxysporum f.sp. lycopersici
                                               red clover necrotic mosaic dianthovirus
                                                     3947, 7358
                                               Rhizoctonia solani 3165, 4738, 5373
 oxysporum f.sp. radicis-
                                               rice dwarf phytoreovirus 1896, 1915, 3928, 4877, 7371-7372
persici 8011
 poae 6372
```

Molecular genetics cont.	Monilinia fructicola	Mucor piriformis
rice ragged stunt virus 1896 rice stripe tenuivirus 3927, 3930, 3938	cherries 916 nectarines 7799	peaches 1417 pears 5764
rice tungro bacilliform virus 4875	peaches 3769, 5771, 6269, 6647	Mucor racemosus, Acremonium strictum,
rice tungro spherical virus 4875	stone fruits 6641	hyperparasitism 6
satellite tobacco mosaic virus 1254	toxicity, phytoalexins 3756	Mulberries
Sclerotinia fuckeliana 7069	Monilinia fructigena	Beauveria bassiana, control 6667
soybean chlorotic mottle caulimovirus	apples 4228, 5752, 5760, 6630, 7783	Cercospora moricola
244	apricots 433	culture media 5783
soybean mosaic potyvirus 3935	hosts 893	pH 7817
Spiroplasma citri 1920, 4775	sporulation 6631	races 5783
spring beauty latent virus 4774	Monilinia laxa	temperature 7817
Streptomyces 3113	apples 4228, 5752, 5755, 5760, 6630,	yield losses 3456
Streptomyces scabies 5271	7783	Cerotelium fici
tamarillo mosaic potyvirus 5483	apricots 433	chlorophyll 4264
Thanatephorus praticola 189 Thelephora terrestris 3814	cherries 436	mineral content 4264 diseases, China 7815
tobacco etch potyvirus 243, 4770, 7339	culture 7182 hosts 893	dwarf
tobacco mosaic tobamovirus 238, 1897-	nectarines 6651	eradication 7816
1900, 3919, 4772, 5038, 5457,	nutrition 7182	mycoplasma-like organisms 2804,
5465, 5905, 7345-7346	peaches 910, 1418, 6648	7816
tobacco necrosis necrovirus 3920, 5492	Pyrus pyrifolia 7787	testing 2804
tobacco rattle tobravirus 5496	sporulation 6631	mulberry mosaic virus, biochemistry
tobacco ringspot nepovirus 7341	stone fruits 6641	7836
tobacco vein mottling potyvirus 3946,	Monilinia oxycocci, Vaccinium 2140-2141,	mycorrhizas, India 152
5478	4968	Myrothecium roridum, India 1421
tobamovirus group 7312	Moniliophthora roreri	Pseudomonas solanacearum, histology
tobravirus group 253	cocoa_272-274, 727	4265
tomato apical stunt viroid 5052, 7389	soil 273	tukra
tomato aspermy cucumovirus 3931, 3943, 7368	Moniliopsis anomala, Orchidaceae, mycor-	biochemistry 2145
tomato black ring nepovirus 3197	rhizas 178	viruses 2145
tomato golden mosaic geminivirus	Monochaetia camelliae, taxonomy 217	Xylella fastidiosa, immunodiagnosis
1257, 4769, 7383, 7387	Monochaetia osyridella, taxonomy 217	Mulharry massis virus, mulharries 7836
tomato ringspot nepovirus 3196, 5490	Monochaetia unicornis, trees 4433 Monographella albescens, rice 2019	Mulberry mosaic virus, mulberries 7836 Mulching
tomato spotted wilt virus 7369	Monographella maydis, maize 5613	activity
Trichoderma viride 5390	Monographella nivalis	Phytophthora cactorum, strawber-
tulip breaking potyvirus 5463	barley 735, 7435	ries 2803
turnip crinkle carmovirus 250, 1255-	cereals 6274	soil, plant pathogens 3867
1256	laboratory tests, benzanilides 1714	control
turnip mosaic potyvirus 1912, 5486	lawns and turf 2110	apples, diseases 4207
turnip yellow mosaic tymovirus 2549	rye 5607	Capsicum, viruses 1096
Ustilago violacea 1809, 5369 Ustilago zeae 200, 1995, 3845, 5617	taxonomy 3895	cucumber green mottle mosaic
velvet tobacco mottle sobemovirus 1253	wheat 285, 735, 773, 1308, 4030, 5543,	tobamovirus, melons 6841
Verticillium 7187	5546, 7435	grapes, diseases 4207
viroids 4757	Monolepta tenuicornis, transmission, cow-	lupins, viruses 5734
viruses 229, 4758, 5462-5463, 6406-	pea mottle virus 4565	pecans, diseases 4207
6408, 7310	Monosporascus cannonballus	potatoes, viruses 4316
watermelon mosaic II potyvirus 3940	IMI descriptions 7254	soil, plant pathogens 3866
wheat dwarf geminivirus 4056	Managerassas autopaides IMI descrip	tomato spotted wilt virus 263  Verticillium dahliae, soil 3867
wheat streak mosaic virus 3936	Monosporascus eutypoides, IMI descriptions 7254	watermelon mosaic I potyvirus, mel-
Wilcoxina 120	Monoterpenes, activity, pines, fungi 4453	ons 6841
Wilcoxina mikolae 7092	Monstera deliciosa	Multifungin, seed treatment, rice 5647
Wilcoxina rehmii 7092	Puccinia paullula	Mung bean yellow mosaic geminivirus
wineberry latent potexvirus 2146	Australia 5712	crops 7325
wound tumor phytoreovirus 7371 Xanthomonas campestris 5682	taxonomy 5712	nucleotide sequences 2537
Xanthomonas campestris pv. campes-	Morchella	tobacco 7382
tris 24, 1697, 6212, 7028	ferns, mycorrhizas 7115	Vigna radiata 631, 1079-1080, 4569,
Xanthomonas campestris pv. holcicola	grasses, mycorrhizas 7115	6080, 6901-6902
1359	Morchella conica, plants, mycorrhizas 67	Mung beans (see Vigna radiata)
Xanthomonas campestris pv. oryzae	Morchella deliciosa, plants, mycorrhizas	Musa, Mycosphaerella musicola, Came-
4116, 5268, 7032, 7636	67	roon 6672
Xanthomonas campestris pv. trans-	Morchella esculenta, plants, mycorrhizas	Musa paradisiaca (see Bananas)
lucens 22	67	Musa textilis, abaca mosaic potyvirus, monoclonal antibodies 2692
Xanthomonas campestris pv. vas-	Morocco barley, diseases 1272	Muscari
culorum 7968	Quercus suber, mycorrhizas 1165	viruses
Xanthomonas campestris pv. vesi- catoria 510, 663, 2414, 2910	wheat, diseases 1272	cytoplasmic inclusions 4171
Xanthomonas campestris pv. vignicola	Morpholine fungicides, control, Erysiphe	ultrastructure 4171
7031	graminis, barley 5593	Mushrooms
Xanthomonas campestris pv. zeae 1352	Mortierella	air spora, India 8293
zucchini yellow mosaic potyvirus 3940-	oats 4054	Cladobotryum verticillatum, spawn
3941	spore germination 7220	8294
Iomordica charantia	Mortierella aplina, antagonism,	diseases, control 635
cucumber green mottle mosaic	Phytophthora 2718	fungi, China 2394
tobamovirus	Morus (see Mulberries)	La France disease
chloroplasts 8159	MTF-651, control, Plasmodiophora brassi-	South Africa 3031
Uttar Pradesh 8159	cae, Chinese cabbages 6000	viruses 3031
Fusarium	Mucor	Mycogone perniciosa
India 6845	antagonism, <i>Pleurotus</i> 1089	biological control 3664
postharvest decay 6845	Areca catechu 5855	control 4588, 8292
Aonascus ruber, tomatoes 8006 Aonceren, control, Rhizoctonia solani, rice	clovers 5723 nectarines 4961	Pseudomonas gladioli pv. agaricicola, taxonomy 3666
823	oats 4054	Pseudomonas tolaasii
Mongolia, fungi 4745	peaches 4961	antagonists 3667, 5196
Aonilia, Paulownia taiwaniana 3568	stone fruits 4961	biological control 6915, 8295
Monilinia	wheat 7447	Nematoda 5196
laboratory tests, CGA 173506 6267	Mucor circinelloides, mangoes 4277	siderophores 3667
quinces 2130	Mucor mucedo, vegetables 572	toxins 8296

		110
Mushrooms cont.	Mycoplasma-like organisms cont.	Mygorybigal famei
Pythium oligandrum	electron microscopy 6419	Mycorrhizal fungi cont. reviews 127
composts 1630	Fraxinus americana 1502-1503, 8054	serology 5334
UK 1630	Gladiolus 382, 2556	soil 126, 149, 158, 166, 679, 1179,
Verticillium fungicola, control 4588	grapes 2155	1768, 1779, 3143, 3832, 5335,
viruses, immunodiagnosis 6104	Hydrangea 2556	5343, 7101, 7129
Muskmelon necrotic mosaic virus, melons	Hydrangea macrophylla 3338	soil bacteria 1752
2339	identification 3913	soyabeans 7129
Muskmelons (see Melons)	Leguminosae 3617	spore germination 668, 5343
Mustard	lettuces 5964	spores 7140
Albugo candida, control 5990	Ligustrum ovalifolium 2933	sporulation 1770
Alternaria brassicae	lilac 4919	staining 7106
biochemistry 1578 control 2331	limes 5663-5664	sweet potatoes 3828
environmental factors 573	Malus 5744	taxonomy 120-121, 127, 1753-1754,
estimation 5986	Malus toringo 5743	3826-3827, 7092, 7106
growth 573	Melia azedarach 5085	temperature 1754
sporulation 573	molecular genetics 1921 mulberries 2804, 7816	Mycorrhizas
varietal reactions 1578	Narcissus 2709	Abies 7105
yield losses 2331	Oenothera 3949	Abies alba 101, 3809
Corticium rolfsii	ornamental plants 236	Acacia 2504
environmental factors 5999	Paulownia tomentosa 4423	Acacia auriculiformis 4707
inoculum 5999	Pedilanthus tithymaloides 7697	Acacia cyanopylla 1175
Nematospora sinecauda	pigeon peas 8256	Acacia nilotica 164, 1187, 5328
insects 5991	pome fruits 4937	Acer pseudoplatanus 1790 acid rain, reviews 7093
Saskatchewan 5991	Populus alba 718	Afzelia africana 1176, 3805
seeds 5991	potatoes 5017, 5868	air pollution, reviews 7093
weeds 5991	quarantine, reviews 7323	Allocasuarina 5325
plant oils, antifungal agents 3967	radishes 5981	Alnus cordata 73
Plasmodiophora brassicae	Ranunculus 867, 2556	Alnus glutinosa 1745, 5338
varietal reactions 1576	rice 5645, 7592-7594	Alnus tenuifolia 1757
West Bengal 1576	Sinningia speciosa 6584	Amaranthaceae 5349
seedborne fungi	sugarcane 5029, 5893	Ammophila breviligulata 7133
India 5139	Syringa 4919	Antirrhinum 173
toxins 5139	tomatoes 3536	apples 1780-1781, 1783, 1792, 7117
Mustard, black (see Brassica nigra)	weeds 382	arctic regions 1156
Mustard, Indian (see Indian mustard)	Ziziphus sativa 446, 6683	Artemisia dracunculus 5339
Mustard, white (see Sinapis alba)	Mycorrhizal fungi	asparagus 5351, 7149
Myanmar, groundnuts, peanut stripe	Acacia albida 3803	aubergines 141, 146
potyvirus 4555  Mycena citricolor, coffee 6552-6554	Agaricales 1751	avocados 2500
Mycena osmundicola	air pollution 7109-7110, 7135	bananas 6316, 6329
Gastrodia elata 4921	antifungal properties 119	barley 676, 6326
mycorrhizas 1796	arctic regions 7132	Betula pendula 113, 3139, 6305
Mycena theobromicola, antagonism,	assays 1173 bibliographies 1740	Betula pubescens 2926
Crinipellis perniciosa 2567	carbon pathways, reviews 7111	Brachiaria decumbens 677
Myclobutanil	China 7123	Brassica nigra 7122
control	chitin 59	Bromus inermis 1788
Botryosphaeria obtusa, apples 1411	codes 7139	Calliandra calothyrsus 5328
Corticium rolfsii, Lilium 6569	control, plant pathogens 2482, 3796	Calluna vulgaris 1194, 1798-1799, 5356
Microcyclus ulei, rubber 6736	copper 99, 2493	Capsicum 174, 4705, 5327, 5350
Monilinia fructicola, cherries 916	culture 7108	carrots 176
Monilinia oxycocci, Vaccinium	reviews 5352, 6332	Castanea sativa 73
2141	culture collections 1739	Casuarina equisetifolia 2502
Uromyces dianthi, carnations 7699	culture media 4698	cauliflowers 1033-1034
Venturia inaequalis, apples 6629	cytokinins 98	celery 174
fungicide tolerance, Venturia inae-	DNA 7140	cherries 1783, 1792
qualis 6625	DNA probes 3814	chestnuts 6309
seed treatment, cereals 279  Mycocentrospora acerina, carrots 1036	duneland plants 6334	Chloris gayana 5353
Mycogone perniciosa	dunes 6334	Cicer arietinum 131, 155, 678, 3140,
mushrooms 3664, 4588, 8292	enzymes 65, 95, 121, 1794, 2497, 7102	4714
sporulation 3032	ethylene 7103	citranges 1182
Mycoleptodiscus terrestris, culture media	Eucalyptus 2494 evolution 3827, 7142	citrus 1767, 7128
3067	fallout 5316	clovers 133, 171, 682, 1189, 3821-3822, 6326, 6328
Mycology	fatty acid esters 7102	cocoa 3824, 7118
books 6994	forest trees 1750	Coeloglossum viride 178
directories 5249	Germany 5316	coffee 7127
molecular biology 1121	growth 1752, 1754	Commiphora 2504
Mycoplasma-like organisms	herbicides 102	Coniferae 550, 2488, 2492
apples 3390-3393, 4945, 5743-5744	identification 104, 120, 5334	cotton 5327, 5350, 6559
apricots 3442	infection 6323	cowpeas 129, 143
aubergines 6126	inoculation 6324	crops 131, 148, 3228, 5337, 7134
cabbages 2556	inoculum 106	cucumbers 168, 6026
Catharanthus research 717, 842, 858	isolation, reviews 6332	Cuminum cyminum 7858
Catharanthus roseus 717, 843, 858,	Italy 683	Cycas circinalis 1791
3331, 4945, 5499 Chamaecyparis 2963	laboratory tests	Cymbopogon martinii var. motia 6325
chrysanthemums 853-854	aluminium 74	Dactylis glomerata 7091
Cicer arietinum 6905	fungicides 1753, 4695 mannitol 100	Dactylorhiza incarnata 3146
coconuts 2183, 3491, 5853, 7900	metabolism 100	Dactylorhiza purpurella 3147
crops 234	molecular genetics 7092	Dalbergia sissoo 165 desert plants 122, 147, 162
Cryptotaenia japonica 2401	nitrogen metabolism 59, 1794	Dianthus 173
Cyclamen 3332	paleontology, reviews 1782	Dipterocarpaceae 7120
detection 705, 717, 5498, 7394	Paspalum notatum 3828	dunes 7133
reviews 6379	phosphorus 6315	Elettaria cardamomum 124
diagnosis, reviews 6420, 7323	pigmentation 2493	Eleusine coracana 2503
Dimorphotheca sinuata 843	plants 1777	Ericaceae 684, 6335
DNA 5498	research, reviews 7137	estimation 1785
DNA probes 1919, 7394	restriction fragment length polymor-	Eucalyptus 2494, 3795, 5326
Echinochloa colona 7594	phism 104	Fucalinities camaldulensis 1741

Mycorrhizas cont.	Mycorrhizas cont.	Mycosphaerella arachidis
Eucalyptus globulus 1173, 5321	pines <i>cont</i> .	groundnuts 1070, 1072, 1656, 2374,
Eucalyptus grandis 3798 Eucalyptus obliqua 1174	5313, 5320, 5428, 6304, 6307, 6310-6312, 7095, 7098-7100	3643, 3649, 4557-4560, 6268, 6882-6883, 6889, 8217
Eucalyptus pilularis 1164	Piper nigrum 5355, 7866	toxins 3148
Eucalyptus urophylla 1163, 3798	pistachios 5340	Verticillium lecanii, hyperparasitism
evolution 4686	plant nutrition 81, 6300	1072
faba beans 172	plant water relations 3831	Mycosphaerella berkeleyi groundnuts 38, 624, 626, 1070-1072,
Fagus sylvatica 2483, 5313 ferns 7115	Plantago major 1771 plants 67, 169, 1181, 1761, 1766, 1776,	2374, 3643, 3649, 4556-4560,
Festuca rubra 2506	4635	6073, 6076, 6078, 6268, 6882-
forest trees 62, 64, 76, 78, 85, 94,	Platanthera 178	6884, 6888, 6890, 8217, 8228
1186, 1747, 3795, 4684, 7107	Plectranthus parviflorus 1792	Verticillium lecanii, hyperparasitism
forests 96, 1155, 1185, 4699, 4701	potatoes 142, 7150	1072 Mycosphaerella brassicicola
fruit trees 6318 fungicides 154	Pseudotsuga menziesii 79, 1159, 4691, 4693, 4697, 4700, 5317, 6303,	Brassica 3688
garlic 681	7114	Brussels sprouts 4484
Gastrodia elata 1796	Pueraria phaseoloides 167	Mycosphaerella caryigena, pecans 3562
Geranium robertianum 5336	Quercus acutissima 4687	Mycosphaerella citri, grapefruits 4126,
Glomus mosseae 5347 Goodyera repens 177, 3147	Quercus cerris 6309	4137-4138 Mycosphaerella cruenta
grapes 1781	Quercus costaricensis 3138 Quercus gracilipes 6302	cowpeas 3021, 8262
grasses 1772, 7115	Quercus gratifipes 0302 Quercus palustris 2485	Vigna radiata 6096
grasslands 1190, 5341	Quercus pubescens 6302	Mycosphaerella dearnessii, pines 1007,
groundnuts 145, 4714, 6321, 7124	Quercus robur 1168	1533, 1538, 2292, 2942, 3576, 8094 Mycosphaerella fijiensis, bananas 1423,
Hebeloma westraliense 5325 Helianthemum nummularium 109	Quercus rubra 2485, 6309	2147, 6673, 7822
Hopea odorata 61	Quercus serrata 2487	Mycosphaerella fijiensis var. difformis,
interactions 4712	Quercus suber 73, 1165 Quercus virginiana 6299	bananas 7827
Inuleae 1737	rape 136	Mycosphaerella fragariae, strawberries 4973
larch 110, 672, 1743, 2489, 7096	reclaimed land 7144	Mycosphaerella gibsonii, pines 2943,
leeks 675, 5346 Leguminosae 128, 3816	regulation, reviews 3812	4443, 6802
lemons 156	research 6301	Mycosphaerella graminicola
Leucaena leucocephala 150, 1180,	Hungary 7116 reviews 1169, 1775, 3132	cereals 6275, 6446
1187, 7119	Rhizanthella 5324	culture media 7172
Liriodendron tulipifera 1763 lucerne 1177, 1788, 4714, 6326	Rhododendron ferrugineum 5356	sporulation 7172 wheat 285, 745, 1231, 1283, 1296,
lupins 5342	Rhodothamnus chamaecistus 1798	1656, 2589, 2591, 2593, 2614,
maize 123, 163, 1193, 3815, 3834,	rice 1191, 3819, 5331	3246-3247, 3267-3268, 4017-4018,
4709, 4714, 5313, 5332, 5345,	roses 1786-1787	4020, 4795, 5540, 5545-5546,
6326, 6330 mandarins 7125	rough lemons 1183 rye 1769	5577-5578, 6460-6464, 7435 Mycosphaerella henningsii, toxins 7183
Melaleuca uncinata 1174	Salix viminalis 4690, 5318	Mycosphaerella larici-leptolepis, larch
Melilotus officinalis 2505	Salvia officinalis 53,39	2286, 2940
melons 174	Sapium sebiferum 6299	Mycosphaerella laricina, larch 2285
morphology 4686	savannas 175	Mycosphaerella linicola, flax 355
mulberries 152 nutrition 3831	Sequoia sempervirens 1762 sesame 3144	Mycosphaerella mandshurica, Populus 544, 991, 5079
oats 1178	Shorea compressa 61	Mycosphaerella marasasii, Syzygium
Ocimum basilicum 5339	Shorea pinanga 61	cordatum 8083
onions 131, 157, 171, 174, 680, 1184,	Shorea stenoptera 61	Mycosphaerella melonis (see Didymella
1789, 5327, 5333, 5350, 6326	soil 1765, 2500, 3142, 4713, 5345,	bryoniae) Mycosphaerella mori, CMI descriptions
Ophrys lutea 179 Orchidaceae 178, 3885	6312, 7094, 7112 Sophora secundiflora 6299	5414
ornamental orchids 3147	Sorbus aucuparia 1790	Mycosphaerella musae, bananas 6669
ornamental plants 173, 6318	sorghum 131, 4715, 5348, 7131	Mycosphaerella musicola
Palmae 4704	sour oranges 4706	bananas 1424, 5793, 6669, 6672
Panicum virgatum 1122	soyabeans 132, 138, 151, 160, 1760,	Musa 6672 pawpaws 2154
Paspalum notatum 1770 pawpaws 135	3820, 4709, 6066, 6320, 7146 Sphagnum 1795	Mycosphaerella nawae, persimmons 6685
Pennisetum americanum 1177, 4715	strawberries 1778, 2498, 3141	Mycosphaerella pini
Pennisetum purpureum 125	stress factors 1171	pines 1542, 4448, 5956, 6802, 8031,
Persicaria thunbergii 3143	Stylosanthes guianensis 6327	8093, 8095, 8097 toxins 3148, 7167
pesticides 153 Phaseolus vulgaris 3818, 6047-6048,	sugarcane 5348	Mycosphaerella pinodes
6322, 6326	sweet potatoes 125, 3817, 5330, 5348  Tagetes erecta 6317	peas 1052, 1593, 3003, 4528, 6042,
Phleum pratense 1784	Thymus vulgaris 5339	8181-8182, 8187
Picea 115	tobacco 7982	Pythium oligandrum, antagonism 8182
Picea abies 71, 80, 82, 84, 101, 108, 117, 673-674, 1742-1743, 1750,	tomatoes 130, 2248, 7147-7148	Mycosphaerella populorum, Populus 4419 Mycosphaerella zeae-maydis
2483, 2489, 2952, 3134-3135,	trees 60, 137, 1748, 2491, 2499, 3810,	CMI descriptions 5414
4472, 4694, 6306, 6308, 7096,	4702, 5315, 5329, 7104 tropical rain forests 7120	maize 7552
7113, 7136	Uapaca guineensis 1176	Mycostop
Picea glauca 670, 1172, 4703 Picea mariana 671, 1758, 3808	Vaccinium angustifolium 1797	control  Alternaria brassicicola
Picea rubens 2490, 4475	Vaccinium macrocarpon 1799, 4717	cabbages 7081
Picea sitchensis 89, 2496, 6313-6314	Vaccinium myrtillus 4459	cauliflowers 7081
pigeon peas 131, 139, 144, 159, 3833,	Vatica sumatrana 61	soil 7081
4710, 7121 pineapples 1773, 6331	Vigna aconitifolia 5354 Vigna mungo 140	Mycotoxins Acremonium 7742
pines 63, 66, 68-70, 72, 75, 77, 83, 86-	Vigna radiata 134, 6330	Acremonium coenophialum 2114
88, 90-93, 97, 103, 105, 107-108,	volcanic soils 1738	Acremonium Iolii 7742
110-112, 114, 116, 118, 670,	weeds 7126	Alternaria 4074
1008, 1157-1158, 1160-1162,	wheat 161, 1793, 3829, 6319	Alternaria alternata 1312, 1327, 1353,
1166-1167, 1170, 1172, 1188, 1743-1744, 1746, 1750, 1756,	wild plants 1178  Mycosphaella convallariae, CMI descrip-	3374, 3684, 3968, 5388, 6775, 7180, 7188, 7503
2293, 2484, 2486, 2495, 3137,	tions 5414	Alternaria brassicicola 4498
3139, 3795, 3797, 3799, 3801-	Mycosphaerella anethi, Foeniculum vul-	Alternaria kikuchiana 3412
3802, 3804, 3806-3807, 3811, 3813, 4688, 4689, 4692, 4703	gare 4993 Mysssphanella argulata argues 3475	Alternaria macrospora 7687
3813, 4688-4689, 4692, 4703,	Mycosphaerella angulata, grapes 3475	Alternaria porri 5432, 8302

Mycotoxins cont.	Mycotoxins cont.	NI
Alternaria solani 8025	Stenocarpella macrospora 2002	Nectarines cont.
Arthrinium 2223	Trichothecium roseum 3860	plum pox potyvirus
Ascochyta fabae 4522	Verticillium albo-atrum 7400	Greece 3440
Ascochyta heteromorpha 7	Verticillium dahliae 479, 1814, 2247	varietal reactions 3440
Ascochyta pisi 4522, 6042	Mycovellosiella cajani, Ilex dipyrena 7250	Rhizopus stolonifer, infection 6651
Aspergillus 4360, 6543	Mycovellosiella concors, potatoes 937	storage decay, control 2794
Aspergillus flavus 195, 622, 1073,	Mycovellosiella oryzae, IMI descriptions	Nectria
1075, 1145, 1521, 1612, 2000,	7254	Alnus rubra 8080
2690, 3292, 4067, 4162, 4300,	Mycovellosiella phaseoli, Phaseolus vul-	Eucalyptus urophylla 4414
4520, 4858, 5139, 5163, 5400,	garis 6054	Japan 1851
5517, 6003, 6077, 6505, 6520,	Myndus crudus, transmission, coconuts,	taxonomy 1851
7168, 7400, 7447, 7563, 7888	lethal yellowing 5853	Nectria arenula, tea 6743
Aspergillus fumigatus 3163	Myriellina imperatae, Imperata cylindrica	Nectria cinnabarina, taxonomy 699
Aspergillus niger 3169, 7400	7278	Nectria coccinea, Fagus sylvatica 981
Aspergillus ochraceus 7447	Myrothecium leucotrichum, spore germina-	Nectria coccinea var. faginata, Fagus
Aspergillus parasiticus 622, 1073,	tion 7154	grandifolia 4476
1612, 1800, 2174, 4067, 5400,	Myrothecium roridum	Nectria galligena
7168	Bacillus megaterium, antagonism 6290	apples 3371
Aspergillus zhaoqingensis 6369	maize 4057	fruit trees 2738
Bipolaris 2724 Botryosphaeria obtusa 3398, 5367	melons 583, 8174	ornamental woody plants 2738
Ceratocystis piceae 6344	mulberries 1421	Nectria haematococca
Ceratocystis piceue 6344 Ceratocystis ulmi 983	soyabeans 2369	marrows 2352
cereals 277	Myrothecium verrucaria, oats 7540	mitosis 7195-7197
Claviceps 2114	Mystrosporiella terminaliae, Terminalia	peas 6036
Cochliobolus carbonum 323, 6527	1875	pigments 197
Cochliobolus heterostrophus 794, 1341,	Myxomycetes, antagonism, Pleurotus 1089	ultrastructure 7195-7197
1343, 7558, 7894	Myzus nicotianae	Nectria haematococca var. cucurbitae, la
Cochliobolus miyabeanus 2026, 3306	transmission	oratory tests, fungicides 6283
Cochliobolus sativus 1961-1962, 1982,	potato Y potyvirus 492, 1453	Nectria pseudocinnabarina, taxonomy 6
4818	tobacco etch potyvirus 492	Nectria radicicola
detection 3897	Myzus persicae	opines 2507
Deuterophoma tracheiphila 5671	transmission	Picea abies 8109
Diaporthe helianthi 6704	alfalfa mosaic virus 7361	pines 8086
Didymosporium radicicola 535	bean yellow mosaic potyvirus 389	strawberries 4263
Drechslera gigantea 5387, 7542	Capsicum, viruses 2405	Nectria rigidiuscula
Fusarium 1303, 2583-2584, 3714,	cauliflower mosaic caulimovirus 5467	cocoa 6432
3847-3848, 3859, 3979-3981,	Chinese cabbages, viruses 4496	mangoes 720
4058, 4063-4065, 4326, 4731,	clover yellow vein potyvirus 420	Nematoda
4826, 5453, 5585, 5725, 7198,	cucumber mosaic cucumovirus 4601	control, soil fungi 6355
7440, 7575	garlic latent virus 2396	interactions
Fusarium crookwellense 1350, 1937,	maize, viruses 1988	Agrobacterium tumefaciens, toma
2585, 7185	potato leaf roll luteovirus 3215,	toes 6763
Fusarium culmorum 3275, 3277, 4029,	5008, 5862	Cephalosporium sacchari, sugar-
7185, 7509	potato S carlavirus 712, 2193	cane 4340
Fusarium equiseti 193, 1818, 1827	potato Y potyvirus 5008, 5862,	Clavibacter tritici, cereals 1941
Fusarium oxysporum 7400	6132, 7374	Fusarium oxysporum f.sp. lycope
Fusarium oxysporum f.sp. cumini 453	potatoes, viruses 939, 7914	sici, tomatoes 6763
Fusarium roseum 3363	sweet potato feathery mottle	Fusarium oxysporum f.sp. medi-
Fusarium sporotrichioides 4857, 5372,	potyvirus 4612	caginis, lucerne 4198
7430	tobacco etch potyvirus 5456	Gibberella fujikuroi, sugarcane
Gibberella 2584	tobacco vein mottling potyvirus	4340
Gibberella fujikuroi 1821, 4730	5456	grapevine fanleaf nepovirus, grape
Gibberella zeae 194, 1310, 1350, 1937,	turnip mosaic potyvirus 6829	4283
2528, 3275, 3985, 3987, 4029,	zucchini yellow mosaic potyvirus	Leucostoma persoonii, stone fruit
4032, 4036, 4756, 7185, 7418,	6839	5768
7440, 7507	Naematoloma fasciculare, Rubus	Phaseolus vulgaris, mycorrhizas
Glomerella cingulata 2220	parviflorus 6137	6322
Leptosphaeria maculans 574, 3597, 6346	Nannfeldtia, Digitalis lanata 7239	plant pathogens 3956
Macrophoma castaneicola 535	Nannfeldtiomyces sparganii, Sparganium	Pseudomonas syringae, stone frui
maize 6506	stoloniferum 4746	5768
Mycosphaerella arachidis 3148	Naphthoquinone, activity, plant pathogens	Rhizoctonia solani, cowpeas 4568
Mycosphaerella fijiensis 7822	7205 Naphthyridines	transmission, viruses 1242, 3909, 576
Mycosphaerella henningsii 7183	activity	Nematospora coryli, citrus 5669
Mycosphaerella pini 3148, 7167	Fusarium oxysporum 1713, 7073	Nematospora sinecauda
Myrothecium roridum 583, 8174	Setosphaeria rostrata 1713, 7073	Descurainia sophia 5991
Neocosmospora vasinfecta 7173	Narcissus	mustard 5991
Penicillium 6543	Fusarium oxysporum f.sp. narcissi	Neoasozin, control, Rhizoctonia solani,
Penicillium aurantiogriseum 7082	chlamydospores 7717	rice 818, 823
Penicillium citrinum 7447	control 7717	Neocosmospora vasinfecta
Penicillium expansum 4956	cropping systems 6589	Macrotyloma uniflorum 1623
Pestalotia longiseta 2226	integrated control 2710	osmoregulation 3840
Phomopsis 8104	UK 6589	polyols 3840
plant pathogens 6171	mycoplasma-like organisms, electron	toxins 7173
Pleospora herbarum 4933	microscopy 2709	Neotestudina rosatii, IMI descriptions
Pseudomonas syringae 4897	viruses, elimination 6588	7254
Puccinia melanocephala 6738	Narcissus latent carlavirus, Iris hollandica	Neotoxoptera formosana, transmission,
Pyrenophora teres 1979	3339	garlic latent virus 2396
Pyrenophora tritici-repentis 4023	Narcissus yellow stripe potyvirus, Nerine	Nepal
Pyricularia oryzae 4093, 4098-4099	bowdenii 4171	Adenostemma viscosum, Phaeoramu-
Rhizopus stolonifer 7400	NCR <sub>05</sub> , activity, wheat 6450	laria adenostemmatis 7237
Rhynchosporium secalis 316	Nectarines	Cicer arietinum, Botrytis cinerea 3650
Rosellinia desmazieresii 8078	Monilinia fructicola, vegetative com-	forests, diseases 5059
Sarocladium oryzae 5659	patibility groups 7799	Mahonia nepalensis, Stenella
Sclerotinia sclerotiorum 5144 Seiridium cardinale 8116	Monilinia laxa, infection 6651	mahoniae 7237
Seiridium cupressi 8116	Mucor California 4961	rice, Xanthomonas campestris pv.
Seiridium unicorne 8116	storage 4961	Oryzae 4117
soyabeans 1605	temperature 4961	Urtica, Pseudocercospora urticacearus 7237
	twittpermakity 7701	1431

Tasmania 8055

transmission 4426 Nothofagus procera, Cylindrocladium scoparium, Chile 8086

New Zealand cont. Nigeria cont. Nephotettix virescens transmission forests cowpeas mycoplasma-like organisms 7593-Armillaria 8096 cowpea (aphid-borne) mosaic dieback 8032, 8044 diseases 6785, 8031-8034, 8036 7594 potyvirus 5185 rice tungro bacilliform virus 2018, cucumber mosaic cucumovirus 5185 2657 fruit, diseases 1927 grapes, Botrytis cinerea 2840 rice tungro spherical virus 2018, Heterobasidion araucariae 214 maize 2656-2657 Gibberella fujikuroi 3287 lawns and turf, Monographella nivalis Macrophomina phaseolina 3287 mangoes, diseases 2562 rice tungro virus 331, 4871-4872, 6516, 7596 Lolium perenne, Acremonium lolii 6602 rice, discoloration 7604 Nerine bowdenii soyabeans, Corticium rolfsii 4549 viruses maize, Fusarium 4065 cytoplasmic inclusions 4171 sunflowers, Corticium rolfsii 5841 Nothofagus ultrastructure 4171 vegetables, diseases 1927 damage 8056 Nerine fothergilli, nerine X potexvirus, DNA probes 384 yams, Chlamydomyces palmarum 4614 diseases 8056 Nigrospora, tea 4349 pears, Erwinia amylovora 2748 Nerine sarniensis, nerine Y virus, charac-Nikkomycin Z, antifungal properties 6264 pines teristics 384 Nilaparvata lugens, transmission, rice ragged stunt virus 329, 4873-4874 Armillaria 8096 Nerine X potexvirus, Nerine fothergilli 384 Nerine Y virus, Nerine sarniensis 384 diseases 8031 Nitidulidae Mycosphaerella pini 8095 Nerium odorum transmission Populus, diseases 8048 plant extracts Ceratocystis fagacearum 5073 Ceratocystis piceae 5073 Pseudotsuga menziesii, Phaeocryptopus antifungal agents 6884 gaeumannii 5108 antiviral agents 6884 Ceratocystis pluriannulata 5073 Ribes, diseases 6654 Nerium oleander (see Oleander) Nitrogen, activity, Laccaria laccata, pines Rubus, diseases 6654 Netherlands Salix, diseases 8048 Ammophila arenaria, diseases 654 Nitrogen dioxide tomatoes, Pythium butleri 207 apples, Glomerella cingulata 2760 activity Tremella tawa 2524 asparagus, replant disease 5200 forest trees 4399 Calammophila baltica, diseases 654 Cotoneaster, Erwinia amylovora 2696, Tremella vesiculosa 2524 Picea abies 567 weeds damage biological control 3062 Abies alba 4436 fungi 649 Crataegus, Erwinia amylovora 2777 Picea abies 4436, 4470, 4472 crops, tomato spotted wilt virus 6423 culture collections, fungi 2446 Dissoconium dekkeri 5426 wheat, Puccinia striiformis 5567 Nitrogen oxides, activity, Picea abies 565 wood destroying fungi 8035 Nitrothal-isopropyl, percolation, soil 4669 Zantedeschia elliottiana, Pythium Nocardia, antagonism, Dothiorella gremyriotylum 207 forests, mycorrhizas 4701 garia 2930 NF-130, control, Gibberella fujikurol, rice Lilium, Fusarium oxysporum f.sp. lilii Nodulisporium gregarium, antagonism, 2664 7716 Crinipellis perniciosa 2567 Nodulosphaeria edgari NF-48, control, Cochliobolus nodulosus, Eleusine coracana 4867 ornamental bulbs diseases 2693-2694 North America 222 Nicandra physaloides potato Y potyvirus viruses 4170 taxonomy 222 ornamental plants Nodulosphaeria olivacea Rhizoctonia solani 6567 characteristics 6132 North America 222 viruses 6570 Himachal Pradosh 6132 taxonomy 222
Nor-Am FBC 39865, control, Corticium pears, Erwinia amylovora 2777 transmission 6132 pines, mycorrhizas 91-92 Nicaragua, Phaseolus vulgaris, southern rolfsii, Lilium 6569 Nor-Am SN 596 plant diseases, legislation 2480, 3129 plant protection, reviews 6989 *Populus, Catinella olivacea* 3184 bean mosaic sobemovirus 1056 Nickel, toxicity, sunflowers 7880 control Nickel chloride, control, Exobasidium vex-ans, tea 3529 Corticium rolfsii potatoes Iris 6569 potato Y potyvirus 3502 viruses 5008, 7914 Nicotiana benthamiana Lilium 6569 African cassava mosaic geminivirus, North Africa, faba beans, broad bean wilt fabavirus 3630 Pseudotsuga menziesii, mycorrhizas 4697, 4700 genetic transformation 6405 tomato spotted wilt virus North America Pyracantha, Erwinia amylovora 2696, cytoplasmic inclusions 5473 conifers, Leptographium wageneri 5088 detection 4183 pears, postharvest decay 4235 Tsuga, Aleurodiscus 7285 Pyrus, Erwinia amylovora 2777 serotypes 5473 Salix, Catinella olivacea 3184 viruses, transmission 2157 Northern cereal mosaic rhabdovirus, cereals Nicotiana clevelandii 7429 beet necrotic yellow vein virus 3170 plum pox potyvirus Norway fungicide residues 3763 genetic transformation 7348 apples, Erwinia amylovora 3334 Jafneadelphus amethystinus 3184 Polymyxa betae 3170 RNA replication 3932 black currants, Sphaerotheca mors-uvae 4259 Nicotiana glutinosa Solanum muricatum, potato spindle plant extracts, antifungal agents 1146 tuber viroid 2896 carrots spinach mosaic virus, inhibition 2328 Mycocentrospora acerina 1036 sugarbeet, beet necrotic yellow vein tobacco mosaic tobamovirus, inhibition Rhizoctonia carotae 1036 virus 6826 7347 tomato spotted wilt virus 5466 Cotoneaster, Erwinia amylovora 3334 Nicotiana megalosiphum, peanut stunt Picea abies, Ophiostoma polonicum tomatoes, potato spindle tuber viroid cucumovirus, cytology 391 4468 2896 Nicotiana rustica pines, Gremmeniella abietina 1543 vegetables, diseases 2964 plant extracts, antifungal agents 5536 Sclerotinia sclerotiorum raspberries, Phytophthora megasperma wheat 6661 diseases 3243, 3245 Fusarium 3275 identification 6759 Rumex longifolius, Ustilago warmingii West Bengal 6759 8329 Neurospora, antagonism, Pleurotus 1089 Nicotiana sylvestris Nothofagus Neurospora crassa tobacco mosaic tobamovirus Cortinarius, mycorrhizas, Australasia fungicide tolerance 3760 osmolarity 3760 polyols 3760 coat proteins 4772 5315 hypersensitivity 4772 damage, New Zealand 8056 nucleotide sequences 4772 diseases New Zealand Nicotiana tabacum (see Tobacco) Chile 1504 apples, Erwinia amylovora 2748, 2762, Nicotinamide New Zealand 8056 3406 Bromus catharticus, Ustilago bullata control Nothofagus cunninghamii 4193 Pyricularia oryzae, rice 4092 Chalara australis carnations, Gibberella zeae 370 Xanthomonas campestris pv. Australia 4426 clovers, diseases 4928
Cordyline australis, sudden decline oryzae, rice 4092 control 8055

Niger, groundnuts, diseases 8222

citrus, diseases 2562

bananas, postharvest decay 2148

Nigeria

Cucurbitaceae, storage decay 585

Eucalyptus regnans, decay 8065

Nothopanax davidii, Oidium, Karnataka	Oats cont.	Okra enation leaf curl virus, Abelmoschus
362 Nothopanax scuttelarius, Oidium,	Puccinia recondita cont.	esculentus 8315
Karnataka 362	host parasite relationships 1332	Okra leaf-curl virus, Abelmoschus esculen-
Nothoscordum inodorum, nothoscordum	Pythium Finland 4054	tus 3053
mosaic potyvirus, New South Wales	pathogenicity 4054	Okra mosaic tymovirus, Abelmoschus esculentus 8316
2107 Nothoscordum mosaic potyvirus, Nothos-	Ustilago segetum var. avenae, breeding	Okra yellow vein virus, India 7332
cordum inodorum 2107	3982 wheat streak mosaic virus	Okras (see Abelmoschus esculentus)
NS-83, control, tobacco, viruses 3531	Ontario 5524	Old and fossil wood, diseases, USA 2934
Nusan 30, control, Fusarium, cotton 2051 Nutmegs	screening 5524	Olea europaea (see Olives) Olea indica, Cytospora oleina, India 7239
Phytophthora	susceptibility 5524	Oleander
fungicide tolerance 5518	Xanthomonas campestris pathogenicity 4791	Ascochyta heteromorpha, cytochalasins
Kerala 5518	testing 4791	Praudomonas surinos an accesar
Vysius niger, epidemiology, Nematospora sinecauda, mustard 5991	Oceania	Pseudomonas syringae pv. savastanoi IAA 19
Vyssopsora, taxonomy 219	crops, diseases 1926	Jordan 5512
Nystatin, activity, Aspergillus niger 3791	Piper methysticum, diseases 2177 quarantine 7090	molecular genetics 19, 385
Daks (see Quercus)	Ocimum, plant extracts, antifungal agents	Oligoporus placenta, enzymes 2310 Olives
Oat golden stripe virus, cereals 5525 Oat mosaic virus, cereals 5525	7054	Coriolus versicolor, control 6687
Dats	Ocimum americanum, plant extracts,	diseases 6686
barley yellow dwarf luteovirus	antifungal agents 2667, 7226 Ocimum basilicum	Glomerella cingulata
breeding 1330	Fusarium oxysporum f.sp. basilicum,	India 7838 varietal reactions 7838
detection 7537 Finland 4052	Italy 6710	Pseudomonas syringae pv. savastanoi
induced resistance 4051	Glomus mosseae, mycorrhizas, growth	IAA 19
isolates 6487	5339 Ocimum sanctum	Jordan 5512
New York 6487	plant extracts	molecular genetics 19
RNA 1985 roots 2634	antifungal agents 4378	Stereum hirsutum, control 6687 Verticillium dahliae
serotypes 4051, 7538	antiviral agents 6416	antagonists 5806
transmission 6486-6487	Odontoglossum ringspot tobamovirus coat proteins 5469	control 5806
varietal reactions 2634, 4052	Cymbidium 387, 5713	Olpidiopsis gracilis hyperparasitism
yield losses 4052 Cochliobolus sativus	nucleotide sequences 1917, 7373	Phytophthora 1195
environmental factors 5533	orchids 386	Pythium 1195
sporulation 5533	proteins 1917 serology 5469	Olpidium brassicae
Cochliobolus victoriae, susceptibility 2434	Oenothera, mycoplasma-like organisms,	lettuces 5194
diseases	molecular genetics 3949	transmission, lettuce big-vein virus 5194
control 4844	Oidiodendron griseum	Oman
Germany 4844	chitin 59 nitrogen metabolism 59	coconuts, Stemphylium 7901
Symptoms 4844  Drechelera gigantea toxino 7542	Oidium	limes, witches' brooms 5664 tomatoes, Coniothyrium olivaceum
Drechslera gigantea, toxins 7542 Erysiphe graminis	Alnus nepalensis 4407	5924
evolution 281	Cassia occidentalis 1933	Oncobasidium theobromae, cocoa 1934,
formae speciales 281	Nothopanax davidii 362 Nothopanax scuttelarius 362	2568-2576, 3974
Georgia 7541 host specificity 281	peas 6034	Oncometopia nigricans, transmission, Xylella fastidiosa 346
induced resistance 3239	Polyscias fruiticosa 362	Onion yellow dwarf potyvirus
resistance 4053	roses 6591	Allium chinense 8297
testing 7541	Xanthium strumarium 1933 Oidium anacardii, cashews 7911, 8082	garlic 2397, 5198 leeks 2397
varietal reactions 7541 Fusarium, toxins 2583	Oidium caricae-papayae, Carica	onions 3668-3669
Gaeumannomyces graminis var. avenae	pentagona 5803	Onions
avenacin 6488	Oidium erysiphoides	Alternaria porri
host parasite relationships 6488	mangoes 7412 Ziziphus mauritiana 7412	air spora 3673
Gaeumannomyces graminis var. tritici avenacin 6488	Oidium heveae, rubber 7944, 7946, 7951	biological control 3670 conidia 4590
host parasite relationships 6488	Oidium lini, linseed 4164	control 637
mycorrhizas	Oidium lycopersicum, tomatoes 2906	environmental factors 3673, 4590
growth 1178	Oidium mangiferae, mangoes 5796, 7831-7832	enzymes 6111
phosphorus 1178 Myrothecium verrucaria	Oidium tingitaninum, mandarins 7675	India 637 Michigan 3673
USSR 7540	Oil palms	soil 6110
varietal reactions 7540	coconut cadang-cadang viroid, Pacific Islands 5854	survival 6110
Orbicula parietina, taxonomy 7543 phytoalexins, biochemistry 7539	Curvularia clavata, culture media 3495	Aspergillus niger Japan 8299
Pseudomonas syringae pv.	Fusarium oxysporum f.sp. elaeidis	spore germination 8299
coronafaciens, São Paulo 6489	detection 7907	storage 8299
Puccinia coronata	enzymes 1440 geography 7905	temperature 8299
breeding 1330 Canada 5604	integrated control 7906	yield losses 8299  Botrytis
Czechoslovakia 4189	Ivory Coast 7906	Germany 3671
enzymes 1332	legislation 7905	seeds 3671
genetics 1331	pathogenesis 1440 pollen 7907	testing 3033
host parasite relationships 1332 testing 2635	seeds 7907	Botrytis allii breeding 4593
varietal reactions 2636	Fusarium pallidoroseum, Kerala 3494	control 3035
virulence 5604	Gibberella fujikuroi, Kerala 3494	Egypt 3035
yield losses 2636	Glomerella cingulata, Kerala 3496	Germany 3672
Puccinia graminis Canada 5605	Oils, control, Mycosphaerella citri, grapefruits 4137-4138	seed production 3672 yield losses 3672
enzymes 1332	Oilseed plants	Botrytis cinerea
host parasite relationships 1332	diseases	Germany 3672
races 5605 virulence 5605	books 3715 India 3961	host parasite relationships 1636 phytoalexins 1636, 6917
Puccinia recondita	reviews 3961	seed production 3672
enzymes 1332	Tropics 3715	yield losses 3672

Onions cont.	Onions cont.	Orbicula parietina, oats 7543
Cladosporium allii	Sclerotium cepivorum cont.	Orchidaceae
conidia 1634	Egypt 4591	bean yellow mosaic potyvirus
environmental factors 1634-1635	soil amendments 2399	control 2098
infection 1635	varietal reactions 5965	genetics 2098
spore germination 1635	Stemphylium vesicarium, control 6924	transmission 2098
Cladosporium allii-cepae	storage decay control 8298	Fusarium poae control 2099
conidia 1634	yield losses 2311	transmission 2099
control 2398, 3034 environmental factors 1634-1635	Onoclea sensibilis	mycorrhizas, Alberta 178
infection 1635	Uredinopsis mirabilis	Pseudomonas cattleyae
spore germination 1635	epidemiology 552	control 865
Switzerland 3034	Vermont 552	symptoms 865
diseases	Oomycetes	viruses
Germany 3668-3669	molecular genetics 183	control 388
India 7405	taxonomy 183	detection 388
reviews 7405	Ophiobolus, wheat 7452	Orchids
seed production 3668-3669	Ophiobolus graminis (see Gaeumanno-	bean yellow mosaic potyvirus
Fusarium oxysporum f.sp. cepae	myces graminis)	detection 389
control 6923	Ophioceras indicus, Ficus infectoria 1859	transmission 389
Israel 4589	Ophiodothella vaccinii	USA 389
soil treatment 4589	taxonomy 3889  Vaccinium arboreum 3889	cymbidium mosaic potexvirus, identifi-
Fusarium solani phytoalexins 636	Ophiostoma abietinum, Abies vejari 4435	cation 386
testing 3033	Ophiostoma brunneo-ciliatum, pines 4453	odontoglossum ringspot tobamovirus,
garlic latent virus, detection 2397	Ophiostoma clavigerum, Arthrographis	identification 386
Gigaspora margarita	pinicola, antagonism 4449	Rhizoctonia, mycorrhizas, taxonomy 3885
mycorrhizas	Ophiostoma conicolum, pines 4435	turnip mosaic potyvirus
nitrogen 1789	Ophiostoma davidsonii	detection 389
phosphorus 1789	taxonomy 5423	USA 389
Glomerella cingulata, varietal reactions	ultrastructure 5423	Orfurace, control, Phytophthora, rubber
6920	Ophiostoma ips, pines 4453	5026
Glomus dimorphicum, mycorrhizas,	Ophiostoma piceae, detection 700	Organic amendments, activity, Fusarium
colonization 6326	Ophiostoma polonicum	oxysporum f.sp. phaseoli, Phaseolus
Glomus etunicatum	conifers 5089	vulgaris 1058
mycorrhizas	Picea abies 4468	Organotin compounds, fungicidal properties
nitrogen 1789	Ophrys lutea, mycorrhizas, nuclei 179	1149
phosphorus 1789	Opuntia ficus-indica, Armillaria mellea, Italy 5804	Origanum vulgare
Glomus fasciculatum mycorrhizas	Oranges	Armillaria mellea, Greece 1434
disinfection 171	blight, immunodiagnosis 4901	plant oils, antibacterial agents 7012
fungicides 157	Botryodiplodia theobromae	Puccinia menthae, Italy 6709
Glomus intraradices, mycorrhizas,	control 4127	Ornamental bulbs
insecticides 5333	postharvest decay 4127	diseases
Glomus vesiculiferum, mycorrhizas,	decline, assessment 4899	control 2694 Netherlands 2693-2694
insecticides 5333	diseases, assessment 4899	viruses
mycorrhizas	Geotrichum candidum	elimination 4170
growth 1184, 5350	control 3312	Netherlands 4170
India 131	predisposition 2676	Ornamental orchids, mycorrhizas, nutrition
inoculation 5327	storage 2676, 3312	3147
Mexico 680	Gloeosporium limetticola	Ornamental plants
phosphorus 174	Andhra Pradesh 7666	Botrytis cinerea
Peronospora destructor genetics 1632	biochemistry 7667	control 6566
histopathology 3036	control 7666 postharvest decay 7667	fungicide tolerance 6566
host parasite relationships 3036	Glomerella cingulata	Botrytis elliptica
induced resistance 636	calyx 4139	control 6566
varietal reactions 5965	control 5675	fungicide tolerance 6566
pesticides, induced mutations 6247	Florida 4139	Botrytis tulipae
phytoalexins, antimicrobial properties	storage 5675	control 6566
57	Glomus citricola, mycorrhizas, calcium	fungicide tolerance 6566
plant extracts, antifungal agents 1828	1767	diseases
Pseudomonas	Penicillium digitatum	China 363
Israel 4589	bacteria 7670	control 3953, 4172 reviews 4169
soil treatment 4589	cellulase 4902	Italy 3322, 3325
Pseudomonas cepacia	control 3312, 4127	reviews 4169
California 6918	pathogenesis 4902	Erwinia amylovora, control 4217
host parasite relationships 1637 irrigation 6918	postharvest decay 4127, 4902, 7670	mycoplasma-like organisms, Europe
phenolic compounds 1637	storage 2677, 3312 susceptibility 7670	236
Pseudomonas gladioli pv. alliicola	volatile compounds 2677	mycorrhizas
Israel 4589	Penicillium italicum	growth stages 173
soil treatment 4589	cellulase 4902	usage 6318
Pyrenochaeta terrestris	control 3312	pesticides, Germany 3748
control 4591	enzymes 3315	Phytophthora
isolation 3037	fungicide tolerance 3314	Australia 6266
Israel 4591	pathogenesis 4902	control 6266
Pythium coloratum	postharvest decay 4902	detection 364
environmental factors 6109	storage 3312, 3315	Pythium, detection 364
New York 6109	Phoma citri, India 2037	Rhizoctonia, detection 364
Pythium irregulare	Phytophthora nicotianae var. parasitica	Rhizoctonia solani
environmental factors 6109	control 4133	anastomosis groups 3324
Japan 2521	Florida 4133	control 1924, 6567 Florida 3324
New York 6109 Sclerotinia squamosa	plant extracts, antifungal agents 2667 Pseudomonas syringae, copper 6209	Netherlands 6567
control 724	storage disorders, control 1375	West Bengal 1924
epidemiology 724	Ustulina deusta, histopathology 5678	Rhizoctonia zeae
fungicide tolerance 6921	Xylella fastidiosa	anastomosis groups 3324
Sclerotium cepivorum	control 346	Florida 3324
biological control 4592	Florida 346	storage decay, control 5700
control 4591, 6919, 8300	vectors 346	Thielaviopsis basicola, control 7694

Ornamental plants cont.	Ozone cont.	Banan material
tomato spotted wilt virus	activity cont.	Panax notoginseng
Belgium 4766	Phaseolus vulgaris 8196	Colletotrichum dematium
North Carolina 356	Picea abies 566, 1018, 1566-1567,	China 4310, 5005
transmission 356, 4766	2950-2961, 3055-3056, 5113-	control 5005
viruses	5114, 6813, 8088	environmental factors 5005
Belgium 844	Picea rubens 2301	Glomerella cingulata
control 360	pines 1552, 1554, 1556, 2484, 5106-	China 4310, 5005
detection 6570	5107, 6806, 8047, 8088	control 5005
elimination 846, 6565	Populus canadensis 8047	environmental factors 5005
Europe 236	potatoes 7943	Panax pseudoginseng
Germany 846	tobacco 2892	chlorosis
greenhouses 2695	tomatoes 2251	control 5852
Italy 3234	wheat, diseases 7435	manganese 5852
monoclonal antibodies 845	damage	Fusarium solani
Netherlands 6570		inoculation 5851
reviews 6565	Abies alba 3574, 4436	phytoalexins 7896
Zygorrhynchus moelleri, growth 4786	barley 1329	resistance 5851
Ornamental woody plants, diseases, injuries	Phaseolus vulgaris 1609, 3629	Panax quinquefolius
2738	Picea abies 3584, 4436, 4470, 4472,	Phytophthora cactorum
Ornithogalum, ornithogalum mosaic	6809	pathogenicity 5848
potyvirus, immunodiagnosis 358	Picea rubens 6812	Wisconsin 5848
Ornithogalum mosaic potyvirus	pines 1555, 6799	Pangola stunt fijivirus, Digitaria 7733
Lachenalia 358	Populus tremuloides 1518	Panicum agrostoides
nucleotide sequences 1911	potatoes 1448	Balansia henningsiana
Ornithogalum 358	Pseudotsuga menziesii 6799	biology 403
Orosius orientalis, transmission, ground-	soyabeans 1609	Indiana 403
nuts, witches' brooms 8219	stone fruits 2783	Panicum miliaceum, Sphacelotheca
Oryza barthii	tomatoes 2914	destruens, breeding 7583
rice tungro virus	wheat 5589	Panicum mosaic virus, Stenotaphrum
resistance 7596	monitoring, Germany 658	secundatum 401
transmission 7596	Pachira aquatica	Panicum virgatum
	Cercospora pachirae	mycorrhizas
Oryza sativa (see Rice)	Brazil 5425	arthropods 7122
Osmanthus aurantiacus var. thunbergii	taxonomy 5425	plant competition 7122
Zaghouania phillyreae	Pacific Islands	Panolil
control 2101	Alocasia macrorrhiza, diseases 6940	activity
epidemiology 2101	citrus, Cryptosporiopsis citri 345	Alternaria tenuissima 8223
Japan 2101	coconuts, coconut cadang-cadang viroid	groundnuts 618
Osteospermum fruticosum, lettuce mosaic	5854	Panus tigrinus, enzymes 186
potyvirus, California 5714	Colocasia esculenta, diseases 6940	Papaver
Ostracoderma, antagonism, Pleurotus 1089	oil palms, coconut cadang-cadang	Pleospora papaveracea
Ovulariopsis lawsoniae, Lawsonia inermis	viroid 5854	Germany 4994
213 Oxadiazoles	Xanthosoma sagittifolium, diseases	symptoms 4994
	6940	Papaver somniferum
antifungal properties 1716-1717	Paecilomyces	Peronospora arborescens
synthesis 1716-1717	Acacia mangium 1500	hyperparasites 2167
Oxadixyl	Areca catechu 5855	
control	control, Rhizoctonia solani, chrysanthe-	plant age 7859
Phytophthora, rubber 5026	mums 856	yield losses 7859
Phytophthora infestans, potatoes	Paecilomyces lilacinus	Papaya mosaic potexvirus, coat proteins 248, 7376
5020, 5872, 6727, 7924	control	Papaya ringspot potyvirus
soil treatment 2802	Macrophomina phaseolina	crops 7325
Oxalis, fungi, nomenclature 5410	sunflowers 3957	pawpaws 445, 5798, 6678, 7835
Oxalis corymbosa, Puccinia oxalidis, Arunachal Pradesh 2163	Vigna radiata 3957	Papaya ringspot (type W) potyvirus,
	root rots 1655	Cucurbitaceae 4510, 5145, 6842
Oxazole fungicides, antifungal properties 1718	crops 7413	Papua New Guinea
	Paecilomyces variotii, pines 5953	Acacia auriculiformis, diseases 4408
Oxine-copper, control, <i>Pelargonium</i> , diseases 2712	Paederia foetida, Uredo paederiae,	cocoa, Phytophthora palmivora 3975
	Arunachal Pradesh 2163	
Oxycarboxin activity	Paeonia suffruticosa, plant extracts,	6545 coffee, Hemileia vastatrix 1376, 2042,
barley 776	antifungal agents 3171	forests
pines, mycorrhizas 68	Pakistan	dieback 8032
control	Abelmoschus esculentus, Fusarium	diseases 8032
Puccinia cichorii, chicory 6932	oxysporum 1107	groundnuts, cowpea mild mottle
	apples, Phytophthora cactorum 4223	carlavirus 1611
Puccinia purpurea, sorghum 2010	carrots, seedborne fungi 6010	Imperata cylindrica, Myriellina imper-
Overhorida control Pseudonaronamona	Cochliobolus australiensis, hosts 1655	atae 7278
Oxychloride, control, Pseudoperonospora	Cochliobolus spicifer, hosts 1655	potatoes, Alternaria solani 7933
cubensis, Luffa acutangula 2343 Oxytetracycline	maize, maize dwarf mosaic potyvirus	Pueraria phaseoloides, Aristastoma
control	7548	camarographioides 7289
	pigeon peas, Corticium rolfsii 1624	sugarcane sugarcane
apples, mycoplasma-like organisms 3390	potatoes	diseases 7954
	diseases 7912	Ramu stunt 7956
Pseudomonas solanacearum, pota- toes 2217	potato X potexvirus 4318	Paraguay
Xanthomonas campestris pv. dief-	rice	Melia azedarach, witches' brooms 5085
	Gibberella fujikuroi 2665	Paulownia taiwaniana, fungi 3568
fenbachiae, Anthurium 2077 Xanthomonas campestris pv. vesi-	seedborne fungi 4091	
catoria 6125	Setosphaeria rostrata, hosts 1655	Parastenella magnoliae, Magnolia grandiflora 1227
Ozone Catoria 6123	Uredinales 7247	Parathion-methyl, activity, spinach mosaic
activity	vegetables, seedborne fungi 1021	virus 2328
Alnus incana 1499	wheat	
avocados 2812	diseases 6449	Parsley Phytophthora megasperma f.sp.
barley, diseases 7435	Puccinia striiformis 4009	glycinea 1.sp.
Betula pendula 1499, 2925	Tilletia indica 1290	elicitors 2403
Betula pubescens 1499	Ustilago segetum var. tritici 1290	host parasite relationships 2403
cotton 2691	Palmae	pathogenesis-related proteins 2403,
forest trees 4399-4401, 4406	Ceratosporella disticha	4995
forests 4394-4395	Malaysia 1882	
Ilex aquifolium 1526	taxonomy 1882	Septoria petroselini, Ontario 1638 Parsnips
Liriodendron tulipifera 4422, 6794	mycorrhizas, growth 4704	Gibberella pulicaris, phytoalexins 196
Lineacharon tumpijera 4422, 0174	mycorimizas, grown 4704	Otoberena panearis, phytoatexilis 190

		**
Parsnips cont.	Paxillus filamentosus, Alnus tenuifolia,	Peaches cont.
Phoma complanata	mycorrhizas 1757	Pestalotiopsis disseminata
host parasite relationships 6011	Paxillus involutus	culture media 909
phytoalexins 6011	Alnus glutinosa, mycorrhizas 1745	physiology 909
Parthenium argentatum	calcium oxalate 5321	Phytophthora
Alternaria infectoria, India 6707	chitin 59	Australia 6266
Fusarium	enzymes 1794	control 6266
Arizona 6706	Eucalyptus globulus, mycorrhizas 5321	Phytophthora cactorum
pathogenicity 6706	growth 1752	control 4252
roots 6706	inoculum 106	Victoria 4252
Parvacoccum pini, pines 3581	nitrogen metabolism 59, 1794	plum pox potyvirus, detection 3432
Paspalum notatum	Picea mariana, mycorrhizas 3808	prunus necrotic ringspot ilarvirus
mycorrhizal fungi, inoculation 3828	pines, mycorrhizas 90, 93, 111, 1008,	elimination 3437
mycorrhizas, nutrients 1770	6304, 6307, 6310	growth 7792
Passalora anonacearum, Miliusa 1842	Quercus robur, mycorrhizas 1168	histopathology 2793
Passiflora edulis (see Passion fruits)	soil bacteria 1752	longevity 7792
Passion fruits, Alternaria passiflorae, Flor-	PCNB (see Quintozene)	South Carolina 2791
ida 4279	Pea early-browning tobravirus	Spain 3437
Pastinaca sativa (see Parsnips)	molecular genetics 5496	varietal reactions 2791
Pastures	nucleotide sequences 253	Pseudomonas syringae
barley yellow dwarf luteovirus	Pea enation mosaic virus	breeding 6649
France 3354	lucerne 409	rootstocks 6649
vectors 3354	nucleotide sequences 7354	Pseudomonas syringae pv. persicae
diseases	Pea seed-borne mosaic potyvirus	calcium 6650
Australia 6597	faba beans 2999	irrigation 6650
books 1390	grain legumes 2354	Pseudomonas syringae pv. syringae
Tropics 1390-1391	peas 2999, 3618, 6032	cold injury 432
ryegrass mosaic virus		Nematoda 432
transmission 4188	Pea streak carlavirus, lucerne 409	
Victoria 4188	Peaches	rootstocks 432
Patents	Agrobacterium tumefaciens	somaclonal variation 7796
barley, root rots, testing 5591	micropropagation 7798	South Carolina 432
	varietal reactions 7798	replant disease, control 4208
grapes, Plasmopara viticola, testing	apple chlorotic leafspot virus	Rhizopus oryzae
7846	elimination 3437	Jammu and Kashmir 7793
maize, Fusarium, artificial selection	histopathology 2792	postharvest decay 7793
5620	rootstock scion relationships 2792	soil sickness, diagnosis 1406
potatoes, viruses, resistance 7915	Spain 3437	Taphrina deformans
testing	symptoms 2743	control 4254, 5770
cotton, wilt 2685	Botryodiplodia theobromae	India 4254
grapes, Botrytis cinerea 2839	Jammu and Kashmir 7793	USA 5770
Pathogenesis-related proteins, reviews 4639	postharvest decay 7793	Venturia carpophila, control 6647
Paulownia	Cytospora rubescens, India 7239	viruses, transmission 5769
Botryosphaeria dothidea	diseases	Xanthomonas campestris pv. pruni
China 2279	control 4253, 6645	breeding 7797
control 2279		
Valsa paulowniae	rootstocks 6642	somaclonal variation 7796
China 2279	soil treatment 6642	Xylella fastidiosa
control 2279	Ukrainian SSR 4253	rootstocks 7794
Paulownia taiwaniana	fungi, control 431	vectors 7794
fungi	fungicide residues	Peanut mottle potyvirus
Argentina 3568	characterization 6646	groundnuts 6886
Paraguay 3568	New Jersey 1732	Phaseolus vulgaris 4535
Paulownia tomentosa	fungicides, hazards 6610	Vigna subterranea 3655
witches' brooms	latent mosaic	Peanut stripe potyvirus, groundnuts 617,
elimination 4423	aetiology 3438-3439	1067-1069, 4555, 6883, 6891, 8220
mycoplasma-like organisms 4423	viroids 3438-3439	Peanut stunt cucumovirus
Paushamycin, control, Xanthomonas	Leucostoma cinctum	Chenopodium quinoa 391
	breeding 6644	clovers 2726
campestris pv. cucurbitae, cucumbers	environmental factors 4255	cowpeas 2376
8176	resistance 4255	Nicotiana megalosiphum 391
Pawpaws	suberin 4255	Robinia pseudoacacia 391
Alternaria alternata	Leucostoma persoonii	Pear ring pattern mosaic virus, pears 2129
Karnataka 2153	breeding 6644	Pear rusty skin viroid, detection 7765
symptoms 2153	control 911	Pear stony pit virus, pears 3375
Ceratocystis paradoxa, control 6681		
Colletotrichum	environmental factors 4255	Pear vein yellows virus, pears 2129, 4236
postharvest decay 2922	genetics 7755	Pears
Tropics 2922	resistance 4255, 6643	Alternaria alternata, toxins 3374
Colletotrichum capsici	suberin 4255	Alternaria kikuchiana, toxins 3412
control 5799	wounds 911	apple rubbery wood virus
postharvest decay 5799	Monilinia fructicola	mixed infections 2129
Gigaspora margarita, mycorrhizas,	control 6269, 6647	varietal reactions 2129
phosphorus 135	fungicide tolerance 5771	Botryodiplodia theobromae
Glomerella cingulata	Queensland 3769	control 5766
control 5799	South Carolina 5771	Egypt 4240
pollen 4278	Monilinia laxa	enzymes 4241
postharvest decay 5799	biological control 1418	postharvest decay 4240
spore germination 4278	enzymes 910	Botrytis cinerea
Glomus fasciculatum, mycorrhizas,	India 6648	control 4940
phosphorus 135	isolates 6648	postharvest decay 4940
Glomus mosseae, mycorrhizas, phos-	varietal reactions 6648	Butlerelfia eustacei
phorus 135	Mucor	Argentina 6640
papaya ringspot potyvirus	California 4961	storage 6640
biochemistry 7835	storage 4961	Cladosporium herbarum
control 5798, 6678	temperature 4961	Argentina 6639
	Mucor piriformis	storage decay 6639
Malaysia 6678		
spread 6678	Canada 1417	Coprinus psychromorbidus
transmission 5798	storage 1417	pathogenicity 725
varietal reactions 445	ozone, damage 2783	temperature 725
postharvest decay	peach tree short life	Corticium salmonicolor
Canary Islands 6679	insulation 7795	India 2563
India 2154, 6680	viruses 7792	isolates 2563

ears cont.	Pears cont.	Dana
diseases	postharvest decay	Peas cont. diseases cont.
control 4939, 5739	control 4235	India 7405
Washington 4939, 5739	North America 4235	leaves 1052
Erwinia amylovora	Pseudomonas fluorescens, epiphytes	pods 1052
antagonists 2778	3426	reviews 7405
Belgium 3414, 3428, 4243-4244	Pseudomonas syringae	seeds 600
biological control 3416-3417, 3419 characteristics 3385	characteristics 5767	Sikkim 8183
control 2751-2752, 2782, 3376-	distribution 5767	Erwinia rhapontici
3379, 3413-3415, 3418, 4213,	epiphytes 3426 ice nucleation 3430	Alberta 6045
4217, 4246-4247, 4249, 7767	Oregon 5767	seeds 6045
Cyprus 3376	Spain 3430	Erysiphe pisi amino acids 6039
Egypt 3415, 4249	Pseudomonas syringae pv. syringae	fertilizers 6044
elimination 894	environmental factors 3431	host parasite relationships 8180
environmental factors 2748, 3384,	Spain 4250	varietal reactions 4529, 6038-6039,
3428, 4212, 4214, 4243	susceptibility 3431	8180
epidemiology 3424, 4243	storage decay	yield losses 6038
epiphytes 3426	control 1415	Erysiphe polygoni
exudates 4958	fungicide tolerance 6621	biochemistry 599
forecasting 3386-3387, 3428-3429,	gamma radiation 7788	cleistothecia 4531
4213-4214, 4249 France 2751, 3383, 3425, 3429	temperature 1415 Turkey 1415	conidia 8184
France 2751, 3383, 3425, 3429 Greece 3385	storage disorders, controlled atmos-	control 8184
heat treatment 894, 3380	phere storage 906	environmental factors 8184
histology 4242	Venturia, control 6269	enzymes 6856 epidemiology 2356
host parasite relationships 3427	Venturia inaequalis, integrated control	Himachal Pradesh 6040
infrared photography 4242	1407	host parasite relationships 4531
inoculum 4244	Venturia pirina	India 4531
Israel 2747, 3382	epidemiology 4237	resistance 599, 6856
legislation 3383	flavanols 4938	varietal reactions 6040
Mexico 3381, 4245	fungicide tolerance 2775, 4238,	Fusarium
Netherlands 2777	4957, 7785	breeding 8179
New Zealand 2748	Hebei 4237	control 6037
Ontario 4211	Israel 4238	Fusarium oxysporum
Oregon 2780	Japan 2775, 4957, 7785-7786 races 4238	fertilizers 6035
pathogenicity 2750	spore dispersal 7786	varietal reactions 3001
phenols 3421	survival 1408	Fusarium oxysporum f.sp. pisi
plant extracts 3422	viruses	control 596
Poland 4212	Greece 2741	histopathology 1053 Madhya Pradesh 3004
protoplasts 905 pruning 3413, 3425, 4247	identification 2746	Ontario 6041
resistance 2779, 3423	Spain 4236	races 6859
screening 3423, 4215	transmission 2746	Taiwan 6859
selection 430	wood destroying fungi	Ukrainian SSR 5152
shears 4247	Czechoslovakia 8051	USSR 4525
temperature 4245	environmental factors 8051	varietal reactions 1053, 4525, 5152,
testing 2753-2754, 2779	Xylaria carpophila, India 7239	6041
toxins 2750	Peas	Fusarium solani
USA 2748	Agrobacterium tumefaciens, senescence	forecasting 2357
varietal reactions 905, 2753-2754,	5154	Israel 2357
2780-2781, 3384, 3420-3421,	Aphanomyces euteiches carbohydrates 598	Madhya Pradesh 3004
4248	control 4530	Ontario 6041 USSR 4525
West Virginia 4214	cytochemistry 598	varietal reactions 4525, 6041
Erwinia herbicola	green manures 597	Fusarium solani f.sp. pisi
epiphytes 3426	India 4530	antagonists 8182
host parasite relationships 3427 fungicide residues, storage 5763	isolates 415	pathogenicity 1592
Glomerella cingulata	pathogenicity 415	lettuce mosaic potyvirus, Shanghai
biochemistry 5765	seed treatment 3620	4524
postharvest decay 5765	Ukrainian SSR 5152	Macrophomina phaseolina
Gymnosporangium fuscum	USA 415	control 4530
environmental factors 904	varietal reactions 3005, 5152	forecasting 2357
flavanols 4938	zoospores 598 Ascochyta	India 4530
spore germination 904	pathogenicity 6042	Israel 2357 Mycosphaerella pinodes
Switzerland 904	Poland 4522	antagonists 8182
Mucor piriformis	toxins 6042	enzymes 4528
British Columbia 5764	Ascochyta pisi	infection 8181
control 5764	breeding 3002	pathogenicity 4528
packhouses 5764	enzymes 4528	pathotypes 8187
pear ring pattern mosaic virus	pathogenicity 4528	phytoalexins 1593, 3003
mixed infections 2129	races 8185	Nectria haematococca
varietal reactions 2129	testing 4526	host parasite relationships 6036
British Columbia 3375	USSR 8185	molecular genetics 6036
elimination 3375	Aspergillus ruber	phytoalexins 6036
pear vein yellows virus	control 6860	Oidium
mixed infections 2129	seeds 6860 storage 6860	Australia 6034 control 6034
varietal reactions 2129	broad bean wilt fabavirus, Shanghai	pea seed-borne mosaic potyvirus 6855
Penicillium expansum	4524	cytoplasmic inclusions 6032
control 4940	Corticium rolfsii	latent infections 3618
postharvest decay 4940	control 4530	seeds 3618
Phialophora malorum	India 4530	spread 6032
control 2776, 4239	cucumber mosaic cucumovirus, Shang-	transmission 3618
postharvest decay 4239	hai 4524	vesicles 6032
storage 2776	diseases	Phoma medicaginis var. pinodella,
plant extracts, antibacterial properties 3422	aerial photography 1886	antagonists 8182
Podosphaera leucotricha, integrated	assessment 1052 bibliographies 592	phytoalexins enzymes 6043
control 1407	control 592, 600	estimation 2358

fungicides, vigour 2011

metabolites 3343

Peas cont.	Pelargonium zonate spot virus	Penicillium citrinum
plant extracts, antifungal agents 8186	Diplotaxis erucoides 6767	laboratory tests,
Pseudomonas syringae pv. pisi	tomatoes 6767	fluorophenylmaleimides 7058
genetics 601	Pelea	linseed 2059
Himachal Pradesh 6046	Puccinia rutainsulara	wheat 7447
host parasite relationships 8188	Hawaii 7272	Penicillium claviforme
immunodiagnosis 602	taxonomy 7272	apples 2126
molecular genetics 8188	Peltaphorum pterocarpum, fungi, gums	bacteria, antagonism 2127
races 601	1846	Penicillium corymbiferum, saffron 3489
UK 601	Penaguran, control, Rhizoctonia solani,	Penicillium dendriticum, apples 6633
Pseudomonas syringae pv. syringae	chrysanthemums 7700	Penicillium digitatum
Himachal Pradesh 1054	Penconazole	citrus 830, 4141, 6537
seeds 1054, 3232	activity	laboratory tests, plant extracts 7055
Turkey 3232	barley 7060	oranges 2677, 3312, 4127, 4902, 7670
Pythium oligandrum	Gaeumannomyces graminis var.	tangelos 1374
forecasting 2357	tritici 7500	Penicillium dupontii, laboratory tests,
Israel 2357	control	captan 2472
Pythium sylvaticum	black currants, diseases 4258	Penicillium expansum
biological control 3621	Botryosphaeria obtusa, apples 1411,	apples 4229, 4940, 5756, 5758, 6633
seeds 3621	3394	bacteria, antagonism 2127
Pythium ultimum	Erysiphe cichoracearum, cucumbers 6273	clovers 5723
biological control 3621		enzymes 4733
seeds 3621	Gymnosporangium juniperi-virgini-	mangoes 4277
Pythium vexans, fertilizers 6035	anae, apples 3394	pears 1415, 4940
Rhizoctonia solani, fertilizers 6035	Podosphaera leucotricha, apples 2470, 6273	Pyrus pyrifolia 7787
root rots	Uncinula necator, grapes 6273	Penicillium frequentans, control,
Ontario 4527	Venturia inaequalis, apples 2470,	Monilinia laxa, peaches 1418
soil pH 4527	3394 apples 2470,	Penicillium funiculosum
Sclerotinia sclerotiorum	formulations 6273	antagonism, Fusarium oxysporum f.sp.
biological control 5153	fungicide tolerance, Venturia inae-	ciceris 8274 bananas 4978
seed treatment 6427	qualis 6625	
yield losses 6858	mode of action 7060	Penicillium gladioli, biochemistry 5393
Uromyces	Pencycuron	Penicillium griseofulvum, bacteria, antag- onism 2127
enzymes 6856	activity, Rhizoctonia 5295	Penicillium italicum
resistance 6856	control	citrus 4141
Uromyces appendiculatus	Fomitopsis pinicola, grapes 2844	enzymes 1823
breeding 1049	Rhizoctonia solani, potatoes 3510	Geotrichum candidum, antagonism
induced mutations 1049	interactions, phosphatidylcholine 3756	7151
Uromyces minor, Tasmania 2359	Penicillins	laboratory tests, benzanilides 1714
Uromyces pisi	activity, Colletotrichum truncatum,	mandarins 2038
breeding 1049, 3006	soyabeans 3014	oranges 3312, 3314-3315, 4902
induced mutations 1049 RSFSR 3006	resistance, Xanthomonas campestris pv.	Penicillium oxalicum
	malvacearum 7027	Cicer arietinum 6091
varietal reactions 3006	Penicillium 4	cucumbers 2351, 4513
Uromyces viciae-fabae	antagonism	Penicillium pinophilum
biochemistry 599, 1594, 6857 genetics 6033	Colletotrichum musae 6671	antagonism, Fusarium oxysporum f.sp.
infection 594	Colletotrichum truncatum 6898	ciceris 8274
phytoalexins 1051	Fusarium oxysporum f.sp. ciceris	chicory 6934
resistance 599, 1594	8273	control, Fulvia fulva, tomatoes 968
urediospores 594	Pleurotus 1089	soil 5913
viruses	apples 4956, 6632	tomatoes 5913
immunodiagnosis 2999	carrots 6010	Penicillium purpurogenum, garlic 1091
Italy 3619	cereals 7431	Penicillium steckii, citrus 2039
seeds 1591, 2999	coffee 6543	Penicillium stipitatum, control, Fulvia
transmission 1591	control	fulva, tomatoes 968
Turkey 2354	Alternaria porri, onions 3670	Penicillium variabile
Pecans	Fusarium udum, pigeon peas 8268	antagonism, plant pathogens 5510
Agrobacterium tumefaciens, India 8074	Rhizoctonia solani, chrysanthe-	citrus 2039
diseases	mums 856	Penicillium velutinum, citrus 2039
California 4207	cucumbers 6025	Penicillium viridicatum, cereals 7434
control 4207	Fagus sylvatica 1506	Pennisetum americanum
Mycosphaerella caryigena, control	gums 1846	barley yellow dwarf luteovirus, control
3562	laboratory tests, plant extracts 7054	3237
Pectobacterium (see Erwinia)	lawns and turf 1394	Beniowskia sphaeroidea, Zimbabwe
Pedilanthus tithymaloides	maize 318, 799, 1337, 5608, 5616,	3299
witches' brooms	7551	Bipolaris urochloae, Zimbabwe 812
mycoplasma-like organisms 7697	oats 4054	Claviceps fusiformis
transmission 7697	ornamental bulbs 2694	Andhra Pradesh 805
Pediococcus, bananas 2148	peaches 431	antagonists 328, 7579
Pefurazoate	potatoes 6722	biological control 5636
fungicide tolerance, Gibberella	rice 2021, 7598	conidia 4866
fujikuroi 7616	soyabeans 4548	control 2651, 7579
seed treatment, rice 7616	strawberries 440	environmental factors 5635
Pelargonium	sunflowers 457	Rajasthan 4078, 5637
Botrytis cinerea	taxonomy 1220, 5427, 7292	resistance 805, 7578
conidia 7719	tobacco 498-499	sclerotia 328, 808
epidemiology 7719	ubiquinones 5427	seasonal variation 4078
diseases	Vaccinium 3450	selection 7577
control 2712-2713	wheat 1282	tissue culture 7578
fertilizers 2712	Penicillium aurantiogriseum	trace elements 4079
growth 2713	apples 6633	varietal reactions 4078, 5632
yield losses 2713	toxins 7082	yield losses 5637
Pythium ultimum	Penicillium brevicompactum, metabolites	diseases
fertilizers 7718	5389	breeding 807
host parasite relationships 7720	Penicillium chrysogenum	control 7581-7582
Xanthomonas campestris pv. pelargonii control 4922	laboratory tests, captan 2472	forecasting 7302
immunodiagnosis 2102	Schizachyrium scoparium 7235 soil 7235	India 7302, 7582 Philippines 3300
Pelargonium hortorum. Pythium ultimum	Penicillium citreaniarum annles 6633	reviews 7581

Penicillium citreoviride, rice 5648

Pennisetum americanum cont.	Peronospora destructor cont.	Pestalotiopsis palmarum
Gigaspora calospora, mycorrhizas, nitrogen fixation 4715	onions 636, 1632, 3036, 3668-3669, 5965	coconuts 3493, 7903 Terminalia tomentosa 2276, 4431
Moesziomyces penicillariae genetics 4081	Peronospora ducometi, buckwheat 5641	Pestalotiopsis theae, Coccinia grandis
pathogenicity 4081	Peronospora fagopyri, buckwheat 4080 Peronospora farinosa, spinach 4491, 5979	6024 Pestalotiopsis triseptata, soil 5404
mycorrhizas, Saudi Arabia 1177 Pseudomonas solanacearum	Peronospora farinosa f.sp. chenopodii, Chenopodium quinoa 5639	Pestalotiopsis uvicola, taxonomy 217
enzymes 7014	Peronospora farinosa f.sp. spinaciae, spin-	Pestalotiopsis versicolor guavas 5795
genetic engineering 7014 Puccinia substriata var. indica	ach 6828	pomegranates 5802
varietal reactions 5633	Peronospora manshurica, soyabeans 8212 Peronospora microulae	Pesticides (see also Fungicides) activity
yield losses 5633	Microula diffusa 1856	mycorrhizas 153
Puccinia substriata var. penicillariae germplasm 811	Microula pseudotrichocarpa 1856 Peronospora parasitica	Xanthomonas campestris pv. dief-
resistance 811	Brassica 1030	fenbachiae, Anthurium 2066 adjuvants, reviews 31
Pyricularia penniseti culture media 2013	broccoli 2330, 5982 cabbages 1027, 2330, 8137	analysis 6217
polyamines 7576	cauliflowers 5982	analytical methods, books 6249 animal experiments 6233
spore germination 7576 sporulation 2013	Chinese cabbages 1581, 2979 radishes 2332, 4502, 6001, 8151-8152	application
Sclerospora graminicola	Peronospora rubi, Rubus 6653	asparagus 5201 books 4654
biochemistry 4077 breeding 1360, 5638	Peronospora schachtii, sugarbeet 5973- 5974	field crops 4667
control 2012, 2651, 5634	Peronospora sparsa, roses 6591	Florida 28 Germany 4667
environmental factors 809, 5634 forecasting 5634	Peronospora tabacina, tobacco 2889-2890,	irrigation systems 1707
fungicide residues 2652	3530, 5035, 6196, 6748-6757, 7980 Peronospora thlaspeos-perfoliati, Thlaspi	legislation 5276 risk 5308-5309
germplasm 811	perfoliatum 4744	tobacco 6747
India 2014, 5634 resistance 811	Peronospora trifoliorum, lucerne 417, 4200 Peronospora trigonella	UK 5276 books 1702, 4655, 4657
seeds 2014, 2654	Chenopodium album 5850	contamination
spore germination 809 susceptibility 806	Melilotus indica 5850 Trigonella foenum-graecum 5850	drinking water, Germany 2476-2477
seedborne fungi	Peronospora viciae	groundwater 5281, 7047 Europe 2474
biochemistry 2653 control 2015	lentils 6090 peas 1052	Germany 2477
Setosphaeria turcica, Madhya Pradesh	Vicia sativa 4935	controlled release, reviews 6248 development 6222
5408	Peronosporales	directories 7034
Tolyposporium penicillariae Andhra Pradesh 805	Mongolia 4745 monoclonal antibodies 7297	disposal Europe 3786
control 2651	Ukrainian SSR 7244	USA 3786
environmental factors 7580 resistance 805	zoospores 7297 Persea americana (see Avocados)	environmental impact 2475, 3780,
varietal reactions 5632	Persea macrantha	4662, 6436 books 3734
ennisetum purpureum, mycorrhizas, phos- phorus 125	Meliola ramacharii Tamil Nadu 1858	models 3778, 3785
entachloronitrobenzene (see Quintozene)	taxonomy 1858	USA 6220 enzyme inhibitors, development 1135
entalonia nigronervosa, transmission, car- damom katte virus 3483-3484	Persicaria thunbergii, mycorrhizas 3143 Persimmons	epidemiology 6236
epper, black (see Piper nigrum)	Glomerella cingulata	evaluation 6256 field crops, Germany 3222
epper ringspot tobravirus, molecular genetics 5496	control 6685 Korea Republic 6685	formulations 7046
eppermint (see Mentha piperita)	Mycosphaerella nawae	development 1137-1138 Europe 1139
eracetic acid, control, Fusarium oxysporum f.sp. narcissi, Narcissus	control 6685 Korea Republic 6685	nontarget effects 3790
7717sp. narcissi, tvarcissus	Phyllactinia kakicola, morphology 686	USA 1139 genotoxicity 6247
eratol, control, Fusarium oxysporum f.sp. narcissi, Narcissus 7717	physiological disorders, Japan 2822	handling 6230
eregrinus maidis	storage decay, control 447 Peru, Stylosanthes guianensis, Glomerella	India 5278 legislation
transmission	cingulata 2124	Austria 3130
maize, viruses 5609 maize stripe tenuivirus 4055	Pestalotia Acacia mearnsii 2257	books 1131 Europe 1139, 6240, 7039
erenniporia, Quercus 8072	bananas 7824	Germany 2481, 4670, 5284-5285,
ericonia echinochloae, maize 4057 ericonia manihoticola, rubber 959	pines 1533  Pestalotia gaurae, taxonomy 217	7040, 7050 UK 1131
ericonia parasitica, Cactaceae 5703	Pestalotia longiseta, tea 2226	USA 1139, 6227
ericoniella, Proteaceae 7273 Prilla frutescens	Pestalotia mangiferae, mangoes 7415 Pestalotia psidii, guavas 4979, 5794,	mixtures, models 2531 movement
Coleosporium perillae	6675, 7415	groundwater 5274
Arunachal Pradesh 2163, 7238 taxonomy 7238	Pestalotia subcuticularis, Hymenaea courbaril 3566	soil 3777, 5274
eronosclerospora heteropogoni, maize	Pestalotia theae, tea 7970	nontarget effects 6228-6229 animals 5231
4059 cronosclerospora philippinensis, maize	Pestalotiopsis antagonism, Colletotrichum truncatum	Aphis mellifera 6219
1340, 3288	6898	arthropods 3787 birds 7049
ronosclerospora sacchari, sugarcane 3525	fruit trees 423	environment 2473
ronosclerospora sorghi	hosts, Madhya Pradesh 5407 Pestalotiopsis adusta, tea 7972	Germany 2481, 6219 man 5304, 5307-5309, 6226
maize 4856, 6498	Pestalotiopsis disseminata	models 35
sorghum 327, 1354, 1356, 2007, 4076, 5628	bananas 7828 gums 1846	wildlife 3736 packaging 6231, 6237
taxonomy 7573	peaches 909	penetration, clothing 5304
ronospora, Vicia sativa 4934 ronospora arborescens	Pestalotiopsis funerea Cupressus sempervirens 569, 5119	percolation, soil 4669 poisoning, man 7078
Cladosporium cladosporioides, hyper-	pines 2297	registration 4662, 6228
Papaver somniferum 2167, 7859	toxicity, phytoalexins 3756  Pestalotiopsis guepini, grapes 2833	Europe 6238-6239 Germany 3115, 4668, 4670
ronospora destructor	Pestalotiopsis karstenii, taxonomy 217	Hungary 6218
Allium 3036 Allium roylei 1632	Pestalotiopsis mangiferae, environmental factors 444	regulation, risk assessment 7045 release 6232

Pesticides cont.	Phakopsora pachyrhizi	Phaseolus vulgaris cont.
residues 7037	soyabeans 1048, 1063, 3013, 3638,	Colletotrichum lindemuthianum cont.
analysis 4665, 5279, 7042	6065, 6068, 8216	Mexico 6049
Apis mellifera 6286	Verticillium lecanii, hyperparasitism	pathogenesis-related proteins 604,
Austria 6288	5176, 6065, 8216  Verticillium psalliotae, hyperparasitism	4538 phytoalexins 4537, 6053
bibliographies 5280 drinking water 4677, 4679, 7038	3013, 5176, 6065, 8216	plant growth regulators 1595
food 5277, 5305, 6250	Phalaenopsis	races 5161, 6052
Germany 5279	Pseudomonas cattleyae	Corticium rolfsii, biological control
groundwater 55, 3781-3782, 4678,	control 2100	2362, 3173
6288, 7043	environmental factors 2100	cucumber mosaic cucumovirus, Italy
prediction 6223	Phalaris minor	3623 diseases
soil 3783	Clavibacter tritici Haryana 1941	bibliographies 592
Washington 1153 water 1153, 3784, 4680, 5277,	Nematoda 1941	breeding 8189
5282, 5311, 6253	Phallus impudicus, soil 1213	control 592, 5157
zooplankton 3775	Phanerochaete chrysosporium	enzymes 3954
safety 3744	Betula papyrifera 532	Mexico 8192
books 4658, 4664	Betula verrucosa 2307	soil treatment 3865
California 5307	electron microscopy 2527 enzymes 187	Tanzania 5157 yield losses 8192
separation 5272	molecular genetics 5368	Erwinia amylovora, host parasite rela-
solubility, reviews 4663 structure activity relationships, books	nucleotide sequences 3846	tionships 3427
4631	Pisolithus tinctorius, antagonism 7105	Erwinia herbicola, host parasite rela-
surfactants, reviews 32	wood 2307	tionships 3427
toxicology 6234-6235	Phanerochaete cremea, Christiansenia pal-	fungi
books 7033	lida, hyperparasitism 7266	corolla 1598
translocation 6241	Phanerochaete velutina, soil 1213 Phaseolus	mixed infections 4532 Fusarium oxysporum f.sp. phaseoli,
UK, books 4656	Phoma exigua var. diversispora	control 1058
USA books 2464	East Africa 4521	Fusarium solani
directories 3735	genetic variation 4521	control 6047-6048
usage	isoenzymes 4521	mycorrhizas 6047-6048
Africa 1141	South America 4521	seed treatment 6853
amenity and recreation areas 7051	Phaseolus coccineus, Colletotrichum	Fusarium solani f.sp. phaseoli edaphic factors 5159
Asia 1136	lindemuthianum, susceptibility 6052 Phaseolus lunatus	phytoalexins 8193
Brazil 1142	Colletotrichum lindemuthianum, sus-	Glomerella cingulata
Colombia 1142	ceptibility 6052	epidemiology 4539
Czechoslovakia 3752 developing countries 1117	Macrophomina phaseolina	Ontario 4539
Ecuador 1143	biochemistry 6055	seeds 4539
forests 4386	varietal reactions 6055	Glomus, mycorrhizas, Nematoda 6322
Germany 7049	Pseudomonas syringae pv. syringae	Glomus dimorphicum, mycorrhizas, colonization 6326
integrated control 4666	seeds 6870 Venezuela 6870-	Glomus etunicatum
Mauritius 6242	Phaseolus vulgaris	mycorrhizas
Mexico 6225	alfalfa mosaic virus	growth 3818
Thailand 6224 UK 5275	chitosan 603	varietal reactions 3818
USSR 3741, 4660	hypersensitivity 603	Glomus macrocarpum
West Africa 1140	Italy 3623	mycorrhizas diseases 6047-6048
Petroselinum crispum (see Parsley)	bean common mosaic potyvirus biochemistry 2361	fungicides 6047
Petunia	elimination 1055	Macrophomina phaseolina, control
tomato spotted wilt virus	enzymes 2360	6050
indicator species 1270 transmission 1270	gene banks 1055	Mycovellosiella phaseoli
Petunia hybrida	Idaho 4536	India 6054
cucumber mosaic cucumovirus, identifi-	interactions 3007	varietal reactions 6054
cation 2714	seed production 4536 serotypes 4536	damage 1609
Phytophthora cryptogea	varietal reactions 3007	Italy 3629
control 3951	bean golden mosaic geminivirus	varietal reactions 8196
Queensland 3951	Brazil 5158	pathogenesis-related proteins
Pezicula livida Chamaecyparis obtusa 547	breeding 1048	chitinases 4534
Thujopsis dolabrata 547	DNA probes 5158	structure 5155
Pezicula malicorticis	Dominican Republic 5158 genetics 4533	peanut mottle potyvirus, Texas 4535  Phaeoisariopsis griseola
apples 3371	induced mutations 1048	Michigan 3624
fruit trees 2738	bean pod mottle comovirus	seeds 3624
ornamental woody plants 2738	infectivity 4519	transmission 3624
Phacidiopycnis padwickii, CMI descrip-	RNA 4519	Pseudomonas
tions 5414  Phacidiopycnis pyre, Pyrus pyrifolia 7787	bean yellow mosaic potyvirus	control 5156
Phacidium coniferarum, pines 5949	Italy 3623	France 5156 host parasite relationships 6866
Phacospora zizyphus-vulgaris, Ziziphus	spectroscopy 2538  Botrytis	Pseudomonas syringae, copper 6209
sativa 448	control 5156	Pseudomonas syringae pv. phaseolicola
Phaeocryptopus gaeumannii, Pseudotsuga	France 5156	host parasite relationships 3622
menziesii 1530, 5108	Botrytis cinerea	molecular genetics 6869
Phaeoisariopsis taxonomy 1223	control 3971	seeds 3232
Wikstroemia 7275	enzymes 1599 pathogenicity 1206	toxins 6869 Turkey 3232
Phaeoisariopsis anthocephala, Anthocepha-	soil amendments 3971	Pseudomonas syringae pv. syringae
lus chinensis 2920	Colletotrichum lindemuthianum	molecular genetics 3009
Phaeoisariopsis griseola, Phaseolus vul-	elicitors 1595, 8191	New York 3627
garis 3624	enzymes 4537, 4540, 5161	overwintering 3627
Phaeolus schweinitzii	genetics 6049	serology 3009
forest trees 1529 larch 4442	glyphosate 6053	Puccinia helianthi
Phaeoramularia adenostemmatis, Adenos-	host parasite relationships 1595, 4540, 5161, 5509, 6049, 6053,	host parasite relationships 1597 plant growth regulators 1597
temma viscosum 7237	6861, 8190-8191	Puccinia sorghi
Phaeoseptoria eucalyptii, Eucalyptus 6792	hosts 6052	host parasite relationships 1597
Phaeosphaeria maydis, maize 1351	Iran 1596	plant growth regulators 1597

Ph

Ph

Ph

haseolus vulgaris cont.	Phenolic compounds cont.	Phoma cont.
Rhizobium, chlorosis 5162 Rhizoctonia solani	activity cont.	apples 4956
edaphic factors 5159	Botryosphaeria dothidea, apples	chicory 6934
enzymes 6854	4225	Convolvulus arvensis 4617
host parasite relationships 6051	Fusarium oxysporum f.sp. lycoper- sici 1720	lucerne 5729
inoculum density 6051	Phytophthora colocasiae 5213	lupins 7760
Italy 3963	Phenylamides, fungicide tolerance,	Solanaceae 5966
seed treatment 6853	Phytophthora infestans 6726, 6728	sorghum 1354, 6511 taxonomy 7208, 7290
soil treatment 3963	Phenylmercury acetate	vegetables 5966
susceptibility 5506	control	Phoma andina var. crystalliniformis,
Sclerotinia sclerotiorum	Alternaria padwickii, rice 7630	tomatoes 8020
anthoplane fungi 1598 control 6864	Macrophomina phaseolina, Vigna	Phoma aquilina, Pteridium aquilinum
oxalic acid 5160	radiata 4583, 8263	3060
pathogenicity 5160	Xanthomonas campestris pv. cucurbitae, cucumbers 8176	Phoma betae (see Pleospora betae)
South Africa 6864	seed treatment	Phoma capsici, Capsicum 4602
seedborne fungi, detection 6865	Cicer arietinum 2385	Phoma citri, oranges 2037
southern bean mosaic sobemovirus,	Festuca arundinacea 6600	Phoma complanata, parsnips 6011 Phoma costarricensis, coffee 3317
Nicaragua 1056	Vigna radiata 8263	Phoma cyperi, Cyperus iria 1879
tobacco streak ilarvirus	2-Phenylphenol	Phoma destructiva, tomatoes 507
epidemiology 3616	control, tomatoes, storage decay 2897	Phoma exigua var. diversispora
pathotypes 3616 seeds 3616	fungicide residues, citrus 6538	Phaseolus 4521
Washington 3616	Phialocephala fortinii, Ericaceae, mycor- rhizas 6335	Vigna 4521
Uromyces appendiculatus	Phialophora	Phoma exigua var. exigua
breeding 1049	Acacia mangium 1500	chicory 6927
control 3958	cauliflowers 5995	taxonomy 212 Phoma exigua var. foveata
enzymes 8194	control, Gaeumannomyces graminis.	potatoes 2213, 2857, 5018
genetic variation 3713	cereals 2582	Pythium oligandrum, antagonism 2213
host parasite relationships 1597,	grasses 3355	soil 2857
2363, 3622, 6863, 8194	Phialophora cinerescens, carnations 6575,	Phoma hedericola, Zanthoxylum bunge-
induced mutations 1049 infection 2434	7698	anum 997
interactions 3007	Phialophora graminicola Lolium perenne 3357	Phoma jolyana, taxonomy 3191
models 3625	Poa pratensis 3357	Phoma lingam (see Leptosphaeria
plant extracts 3958	Phialophora gregata	maculans)
plant growth regulators 1597	soil 3015	Phoma medicaginis lucerne 5727-5728, 5732
plant hairs 3008	soyabeans 608, 3015, 6071, 8178	Medicago 2123
reviews 3713	Vigna angularis 8178	Medicago polymorpha var. brevispina
spread 3625	Phialophora malorum, pears 2776, 4239	6615
varietal reactions 1057, 3007-3008	Philippines	turmeric 720
yield losses 1057 Uromyces pisi	Anthurium, Xanthomonas campestris	Phoma medicaginis f.sp. medicaginis,
breeding 1049	pv. dieffenbachiae 2076 cassava, diseases 3054	lucerne 414
induced mutations 1049	Cymbopogon nardus, Curvularia	Phoma medicaginis var. pinodella
viruses	andropogonis 462	peas 1052, 6042, 8182 Pythium oligandrum, antagonism 8182
mixed infections 4532, 5513	Eucalyptus deglupta, stunt 5070	Phoma multirostrata
seeds 1591	maize, Peronosclerospora philippinen-	cucumbers 3194
transmission 1591	sis 3288	soyabeans 3194
Turkey 2354	Pennisetum americanum, diseases 3300	Phoma pilospora, trees 4433
Xanthomonas campestris pv. phaseoli Brazil 6867	rice	Phoma proboscis, Convolvulus arvensis
breeding 1048	Pyricularia oryzae 332, 4882 Xanthomonas campestris pv. oryzae	5219
distribution 3628	825	Phoma psidii, guavas 4979
Dominican Republic 6948	sorghum, diseases 3295	Phoma putaminum, Sansevieria trifasciata 2104
epiphytes 3628	sweet potatoes, diseases 1109	Phoma sorghina
immunodiagnosis 6868	tobacco	Commiphora wightii 3965
induced mutations 1048	Corticium rolfsii 497	pigeon peas 8253
interactions 3007	Pythium aphanidermatum 497	rice 4105, 7619
isolates 6867	trees, diseases 8038	sesame 4304
seeds 1600, 3232, 6868 Turkey 3232	vegetables, diseases 2312	sorghum 5626, 5631
varietal reactions 1600, 3007, 6867	Philodendron selloum, dasheen mosaic potyvirus, detection 357	Phoma tropica, cauliflowers 5995 Phomopsis
weeds 6948	Phlebopus sudanicus, forest trees, mycor-	apples 4956
yield losses 8195	rhizas 94	Hibiscus cannabinus 2061
ellinus everhartii, Quercus 2265	Phleum pratense	laboratory tests, lectins 5239
ellinus fereus, Quercus 2265	Gigaspora, mycorrhizas, sulfur dioxide	lucerne 885
ellinus igniarius, Betula 2259	1784	pines 8104-8105
ellinus noxius	Glomus, mycorrhizas, sulfur dioxide	soyabeans 614
Acacia auriculiformis 4408 cocoa 275	1784 sulfur dioxide, mycorrhizas 1784	taxonomy 7290
Populus deltoides 2929	Phloeospora aethiopica, Acanthus 7277	Xanthium 653
ellinus pini	Phlox, cucumber mosaic cucumovirus,	Zanthoxylum bungeanum 997 Phomonsis amyadali toxins 7189
Betula papyrifera 532	Israel 2715	Phomopsis amygdali, toxins 7189 Phomopsis asparagi, CMI descriptions
pines 2299, 8101	Phoenix dactylifera	5414
ellinus ralunensis, Eucryphia cordifolia	Botryodiplodia theobromae, Rajasthan	Phomopsis convolvulus, Convolvulus arven-
6377	7909	sis 1112
ellinus robustus, Zanthoxylum bunge-	diseases, nomenclature 3073	Phomopsis cotoneastri, CMI descriptions
anum 997 ellinus weirii	Fusarium, soil salinity 1441 Fusarium equiseti Iraq 4315	5414
forest trees 527, 548	Fusarium equiseti, Iraq 4315 Fusarium oxysporum f.sp. albedinis	Phomopsis dioscoreae, CMI descriptions
Pseudotsuga menziesii 3583, 8108	Algeria 7908	Phomonsis followlicata cocco 6432
ellodendron amurense, plant extracts,	diagnosis 5007	Phomopsis folliculicola, cocoa 6432 Phomopsis heveae, rubber 2219
antifungal agents 427	infection 2184	Phomopsis javanica, asparagus 8303
ellodon connatus, ecology 3134	soil salinity 7908	Phomopsis juniperivora, Juniperus 1020
ellodon niger, Picea abies, mycorrhizas	varietal reactions 2184	Phomopsis longicolla, soyabeans 1065,
3134	Phomopsis phoenicola, Iraq 4315	4547-4548, 5173
enolic compounds activity	Phoma	Phomopsis mangiferae, mangoes 6676
Aspergillus fumigatus 1720	antagonism, Colletotrichum truncatum 6898	Phomopsis mangrovei, Rhizophora apicu-

Phomopsis phaseoli, soyabeans 6062 Phomopsis phoenicola, Phoenix dactylifera	Phyllachora ate 3880
4315 Phomopsis psidii, guavas 3967	Phyllachora cell latus 7283
Phomopsis quercina, Quercus cerris 3560 Phomopsis sclerotioides, cucumbers 2348,	Phyllachora con Phyllachora les 3880
3964 Phomopsis vaccinii, Vaccinium	Phyllachora leu
corymbosum 917 Phomopsis vexans	3880 Phyllachora ma
aubergines 1639, 6127	tions 3880
Solanum khasianum 6127	Phyllachora ma Phyllachora mi
Solanum nigrum 6127 Solanum torvum 6127	3880
Solanum xanthocarpus 6127	Phyllachora pte IMI descrip
Phomopsis viticola grapes 2825-2826, 2834, 3967	Pterocarpus
laboratory tests, stilbenes 2511	Phyllachora rai
Phormium tenax, Cercospora, Florida 2716 Phosphatidylcholine	3880 Phyllachora yaj
interactions	3880
fungicides 3756	Phyllactinia ali Phyllactinia co
phytoalexins 3756  Phosphazomycins, activity, plant pathogens	Phyllactinia ka
56	Phyllanthus em Aspergillus
Phosphonates activity	Kernkampel
Phytophthora 3767	Ravenelia e
Phytophthora palmivora 3768	biochem: enzymes
rhizosphere fungi, avocados 7821 antifungal properties, reviews 5293	India 21
control	Phyllocoptes frose rosett
carrots, cavity spot 6009	Phylloplane fun
Phytophthora cambivora almonds 3433	antagonism,
cherries 3433	2907 aubergines
Phytophthora cinnamomi avocados 7821	barley 1973
Schinus molle 7821	Cassia occio
fungicide residues avocados 5792	Cochliol
soil 5792	Cochliol guavas 4979
laboratory tests, translocation 3118	Heteropogo
ranslocation, tomatoes 8007  Phosphorothioates, activity, plant patho-	Mentha arv Mentha pip
gens 4674	Mentha viri
Phosphorous acid activity, mycorrhizas, maize 3834	potatoes 14
application, trees 3904	Setaria pun Strychnos n
control  Armillaria luteobubalina, stone	Themeda a
fruits 3769	tobacco 468
Phytophthora clovers 3951	triticale 747
ornamental plants 3951	wheat 4001 Xanthium s
rubber 5026	Phyllosticta
Phytophthora cactorum apricots 4252	cloves 932 grapes 2833
peaches 4252	roses 6591
Phytophthora cambivora almonds 4251	Phyllosticta ac
cherries 4251	pictus 227 Phyllosticta ac
Phytophthora cinnamomi, avocados 4266	Phyllosticta ar
Phytophthora nicotianae var. nico-	nuts 1067 Phyllosticta ar
tianae, tomatoes 4383	Phyllosticta ca
Phytophthora nicotianae var. parasitica, citrus 6536	Phyllosticta co esculenta
Phytophthora palmivora	Phyllosticta eu
cocoa 3976 coconuts 7904	Euphorbi Phyllosticta m
Plasmopara viticola, grapes 1428,	3185
4286	Phyllosticta po
Rosellinia necatrix, apples 3769 Venturia inaequalis, apples 3769	Phyllosticta th Phyllosticta yi
fungicide residues	Phymatotricho
detection 3770, 3772 grapes 3772	2688 Physalis
manufacture 3771	potato leaf
phytotoxicity, maize 3834	Brazil 1 indicato
properties 3771 research 3773	Physalis florid
usage, Australia 3697, 6266	luteovirus
Phosphorus, activity, Polyporus, apples 902	Physalospora t ella tucui
Phragmidium mucronatum, roses 6591	Physalospora v
Phtheirospermum japonicum, Cronartium flaccidum, China 2295	Physalospora 2 ana 3568
Phyllachora amphibola, IMI descriptions	Physoderma m

3880

```
leiae. IMI descriptions
                astri, Celastrus panicu-
                ica, IMI descriptions 3880
                pedezae, IMI descriptions
                cospila, IMI descriptions
                chaeriicola, IMI descrip-
                ydis, maize 5613
                llettiae, IMI descriptions
                rocarpi
                tions 3880
                indicus 2920
                nosii, IMI descriptions
                pensis, IMI descriptions
                ni, Betula 2259
                rylea, Prinsepia utilis 7250
                kicola, persimmons 686
                blica
                niger, control 3791
                lla emblicae, Thailand 205
                mblicae
               istry 2179
2180
                uctiphilus, transmission,
                e virus 2426
                Alternaria solani 2423,
                2423
                dentalis 1933
                polus miyabeanus, rice 339
                polus sativus, wheat 4819
                n contortus 2111
               ensis 2!66
erita 2166
                dis 2166
                46
                nila 2111
                ux-vomica 7890
                nathera 2111
                82
                 5549
                trumarium 1933
                anthopanacis, Kalopanax
                icola, Canada 3185
                achidis-hyphogaea, ground-
                ecae, Areca catechu 466
                jani, pigeon peas 1625
locasiophila, Colocasia
                2425
                phorbiae-khandalensis,
               a khandalensis 7711
ulticorniculata, Canada
                olygonarum, buckwheat 4080
                ujae, Canada 3185
                ccae, Canada 3185
                psis omnivora, cotton 1380,
                roll luteovirus
                264
                r species 1264
                ana, beet western yellows
                serology 2320
                ucumanensis (see Glomer-
                manensis)
paccinii, Vaccinium 6655
peicola, Paulownia taiwani-
                aydis, maize 4057
Physopella ampelopsidis, grapes 3475
```

```
Phytoalexins
   antifungal properties 6281
Brassica 8142
    Camelina sativa 8148
   carnations 851, 3329, 6575, 7539
   chicory 4597
    Cicer arietinum 5191, 6092, 8258-8259
    citrus 4131
    clovers 3364, 4195, 6606
    coffee 4147
    cotton 2687, 5694, 7684-7685
    detoxification 4725
    Dioscorea mangenotiana 8323
    faba beans 2364
    grapes 5812, 7851
    Leguminosae 5151
    loquats 3756
    Lotus corniculatus 6618
    lucerne 1400
    oats 7539
    onions 57, 636, 1636, 6917
    Panax pseudoginseng 7896
    parsnips 196, 6011
peas 1051, 1593, 2358, 3003, 6036,
         6043
    Phaseolus vulgaris 4537, 6053, 8193
    phospholipids, interactions 7152
    pigeon peas 1622
pines 5100
    Populus 8075
    potatoes 1447, 2197, 5882
    Pseudomonas cichorii 577
    reviews 6968
    sesame 4306
    sorghum 1357
    soyabeans 181, 610, 1608, 2369, 2371, 5165-5167, 6063, 6066, 6880,
          8210
    sunflowers 6705
    tobacco 494, 1457, 5048, 5051, 6760
    tomatoes 8012
    Ulmus americana 6789
    Vigna umbellata 1618
    wheat 5553
 Phytolacca americana
    plant extracts, antiviral agents 2542
    viruses, South Carolina 646
 Phytomonas
    DNA 5430
    electron microscopy 6426
 Phytophthora
    almonds 6266
apples 6266
    Areca catechu 5518
avocados 5792, 6266
    Capsicum 5209
    cherries 6266
    China 1843
    Cicer arietinum 1082
    citrus 6266
    Citrus pennivesiculata 4130
    clovers 6266
    cocoa 268, 5518
coconuts 5518
    control 3767
     Elettaria cardamomum 5518
     Ericaceae 1389
     grapefruits 4134
     isoenzymes 7252
     laboratory tests, coumarins 7057
     lucerne 418
     mandarins 7663
     nutmegs 5518
     Olpidiopsis gracilis, hyperparasitism
          1195
     oospores 7161
     ornamental plants 364, 4172, 6266
     peaches 6266
     physiology 216
     pineapples 6266
Piper betle 1436
     Piper nigrum 5518
     raspberries 2802
     Rhododendron 1389, 2718
rubber 3523-3524, 5518, 7950
     soil 1212, 1828
swedes 1575
     taxonomy 216, 4748, 7252
tomatoes 2900, 8013
     Vaccinium 6655
viability 7161
```

DI . I.I		
Phytophthora cont. water 3899	Phytophthora cryptogea cont.	Phytophthora nicotianae cont.
Phytophthora botryosa, rubber 5026, 7946	taxonomy 1226	tobacco 5035
Phytophthora cactorum	tomatoes 2245-2246 wheat 3223	Phytophthora nicotianae var. nicotianae
apples 899-900, 1410, 4223-4224,	Phytophthora drechsleri	growing media 3174
4953-4954, 5741, 7779-7780	cowpeas 8249	tobacco 500, 1459-1460, 4359, 5048,
apricots 4252	growing media 3174-3175	6746, 6758, 7985
isoenzymes 1225	isoenzymes 1226	tomatoes 4383
laboratory tests, dimethomorph 2471	pigeon peas 4574, 7121	Phytophthora nicotianae var. parasitica
Panax quinquefolius 5848	taxonomy 1226	antibiotics 3153 Capsicum 6122
peaches 4252	Phytophthora drechsleri f.sp. cajani	carnations 3963, 4176
Quercus 2265	pigeon peas 1085, 1619, 2379, 4579,	citrus 344, 2674, 4128-4129, 4132,
soil 5848	8266, 8278	4136, 5674, 6536, 7664
strawberries 2144, 2803, 4975, 6666,	soil 4579	culture 7160
7811, 7814	spore germination 3839	enzymes 1804
Phytophthora cambivora	zoospores 3839	Fortunella handsii 4132
almonds 3433, 4251	Phytophthora erythroseptica	fungicide tolerance 3153
cherries 3433, 4251	laboratory tests, dimethomorph 2471	genetic markers 1801
chestnuts 4411	raspberries 6660, 6662	genetics 3153, 7163
grapes 7851	taxonomy 1872	grapefruits 4133
isoenzymes 1225	Phytophthora fragariae, strawberries 919,	growth 7163
Phytophthora capsici	4974, 7811, 7814	guavas 7830
Capsicum 640-641, 1101, 2404, 2406,	Phytophthora infestans	Hibiscus sabdariffa 4910
2409-2410, 2412, 3046-3047,	culture 7190	laboratory tests, naphthoquinone 7205
3585, 3675-3677, 5207, 5210-	cytology 7165	mating systems 1801
5211, 5516, 6121-6122, 6926	DNA 4723, 7201	morphology 7163
carnations 4176	environmental factors 7166	oranges 4133
cocoa 270	fatty acids 1805	Piper betle 5827
cucumbers 6278	flagella 1806	soil 204, 2674, 4128
Cucurbitaceae 3585	germ tubes 4724	Streptomyces, antagonism 2478
enzymes 1804	growth 4724	tobacco 500
soil 204, 641	laboratory tests	tomatoes 973, 3546, 6772, 8023
Streptomyces, antagonism 2478 taxonomy 270	dimethomorph 2471	Phytophthora palmivora
tomatoes 5516	fungicides 46	Annona squamosa 6684
watermelons 2350, 4509	$\beta$ -lactams 3120	citrus 4135, 7665
Phytophthora cinnamomi	lithium 7162 pathogenesis-related proteins 7416	cocoa 265, 269-271, 3975-3976, 6433,
avocados 921, 1422, 2807, 2809-2811,	quinolines 7059	7423-7424
3458, 4266, 4976, 5786-5788,	mitochondrial DNA 1197	coconuts 7904
7820-7821	ploidy 4723	Colocasia esculenta 2425
Banksia attenuata 2086	potatoes 475-477, 721, 938, 944-948,	enzymes 1804
Banksia hookeriana 7696	1150, 1445-1446, 1928, 2195-	laboratory tests
Banksia occidentalis 2086	2198, 2852, 2858, 2860-2869,	phosphonates 3768
calmodulin 180	3122, 3151, 3497, 3506-3509,	potassium phosphonate 1729
Camellia 2701	3971, 4322-4324, 4667, 5019-	pawpaws 2154
Camellia sasangua 2701	5020, 5361, 5856, 5869-5877,	Piper betle 2168
Eucalyptus 8066	6278, 6724-6728, 7921-7930	Piper nigrum 201, 2847, 3486, 3872,
Eucalyptus marginata 5071, 8067	protoplasts 7209	7396 rubber 5026
Eucalyptus sieberi 539	races 7166	Schinus molle 7821
flagella 180	restriction fragment length polymor-	soil 201, 3872, 4135
growing media 3174-3175	phism 1197	taxonomy 270
infection 6340	sexual reproduction 7201	zoospores 3152
isoenzymes 1225	Solanum 2199-2200	Phytophthora undulata, taxonomy 1870
Leucospermum 2097	Solanum laciniatum 463, 7884	Phytophthora vignae
Pelargonium 2712-2713	tomatoes 3151, 3545, 3971, 5361,	cowpeas 3650
pineapples 4266	5921, 6770, 7064, 7416, 8014 ultrastructure 1806	Vigna angularis 3657
pines 3579, 4450, 5954 proteins 1802	zoospores 1805-1806, 7159, 7162	Picea
Quercus 2265	Phytophthora meadii	dieback
raspberries 5510	Areca catechu 7396, 7910	aetiology 2300
Rhododendron 3951, 4923	cocoa 7396	control 2300
Rhododendron obtusum 390	Elettaria cardamomum 7396	Sichuan 2300
Schinus molle 7821	rubber 7944	diseases, RSFSR 8087
sporulation 4722	Sri Lanka 2526	Lachnum rubropunctatum, taxonomy
Thryptomene calycina 3951	taxonomy 2526	560
Vaccinium 2139	Phytophthora megakarya, cocoa 266-267,	mycorrhizas
wild plants 8067	271	Belgium 115
zoospores 1802, 4722, 6340	Phytophthora megasperma	fertilizers 115
Phytophthora citricola	antiviral agents 5906	Picea abies
avocados 2807-2808, 2810, 5790-5791	carrots 6009	acid fog
growing media 3174-3175	groundnuts 2375	biochemistry 2960, 3056
Quercus 2265	raspberries 6661	chlorosis 2955
Phytophthora citrophthora	soil 6009	decline 1567 frost resistance 2953
citrus 4129, 4131, 5674, 7665	Phytophthora megasperma f.sp. glycinea	Germany 2950-2956, 2960, 3055-
pistachios 1523	molecular genetics 183 parsley 2403, 4995	3056
soil 343	phytoalexins 181	growth 3055
Phytophthora clandestina, clovers 1398,	soyabeans 228, 610, 1608, 2371, 6061,	mycorrhizas 2952
3951	6878, 8208, 8210, 8213	nutrition 2951
Phytophthora colocasiae	taxonomy 183	photosynthesis 2954
Colocasia esculenta 1643, 2425, 5213 laboratory tests, fungicides 5290	tobacco 7984	physiology 1561, 1566, 2302
Phytophthora cryptogea	tomatoes 2898	roots 2952
asparagus 5199	Phytophthora megasperma f.sp.	water stress 1567
carnations 4176	medicaginis	waxes 2956
chrysanthemums 364	Cicer arietinum 5190	acid mist
growing media 3174	lucerne 884, 2121	biochemistry 2961
isoenzymes 1226	Phytophthora megasperma var. sojae,	cytology 2957
lettuces 1628	asparagus 5199	Germany 2957-2959, 2961
Petunia hybrida 3951	Phytophthora melonis, cucumbers 5148	gibberellins 2959
Salvia officinalis 364	Phytophthora nicotianae	physiology 2958
spinach 3223	taxonomy 1868	acid rain, mycorrhizas 3135

icea abies cont.	Picea abies cont.	Picea glauca cont.
air pollution	mycorrhizas cont.	Ophiostoma polonicum, susceptibility
chlorophyll 5118	inoculation 674	5089
damage 2303, 3571, 4436	morphology 673, 1742, 7096	root and butt rots
decline 1562	phosphorus 71	assessment 549
fatty acids 8047	Switzerland 82, 6306	Ontario 549
France 5959	synthesis 1743	Suillus tomentosus, mycorrhizas, herb
gas exchange 5118	nitrogen dioxide	cides 670
Germany 1562	damage 4470	Picea likangensis, mycorrhizas, China
mycorrhizas 4472	photosynthesis 567	2492
nutrient deficiencies 1562	transpiration 567	Picea mariana
nutrients 5959	nitrogen oxides	acid rain, activity 8115
physiology 4399-4401	photosynthesis 565	Chrysomyxa pirolata
resistance 8043	transpiration 565	Newfoundland 5112
roots 4472	Ophiostoma polonicum	seed cones 5112
Yugoslavia 2303	Norway 4468	symptoms 5112
Armillaria mellea	resistance 4468	yield losses 5112
Czechoslovakia 8110	seasonal variation 4468	Diplodia pinea, Ontario 8111
morphology 8110	susceptibility 5089	Gremmeniella abietina var. balsamea
Chroogomphus helveticus subsp.	ozone	environmental factors 1560
tatrensis, mycorrhizas, morphol-	biochemistry 2960-2961, 3056	spore dispersal 1560
ogy 108	chlorosis 2955	Laccaria laccata var. moelleri
damage, aerial photography 5115	cytology 2957	mycorrhizas
decline	damage 4470, 6809	Canada 671
adenosine phosphates 5961	decline 1567	mating systems 671
air pollution 1564, 4437-4438,	frost resistance 2953, 8088	USA 671
4474, 7136, 8113	Germany 2950-2961, 3055-3056,	mycorrhizas Minnesota 1758
altitude 4394	3584, 6809	
chlorophyll 5960	gibberellins 2959	water stress 3808
chlorosis 563	glucosides 1018	Ophiostoma polonicum, susceptibility
Czechoslovakia 7136	growth 3055	5089
Europe 6808	histopathology 5114	root and butt rots
fog 2962	mycorrhizas 2952	assessment 549
France 84	nutrition 2951	Ontario 549
fungi 8109	photosynthesis 566, 2954, 5113	Picca omorika, sulfur dioxide, pollen 101
gas exchange 4460, 4474	physiology 1566, 2958, 3584, 6813	Picea pungens
Germany 529, 1563, 1565, 2938,	roots 2952	Inonotus tomentosus
2949-2950, 4394, 4397, 4437- 4438, 4460, 4473-4474, 5960-	transpiration 566	survival 8112 Utah 8112
5961, 6810, 8113-8114	water stress 1567	Picea rubens
growth 4473	waxes 2956	acid mist
metabolism 5116	Pisolithus tinctorius	damage 5117
mycorrhizas 84, 7136	mycorrhizas	growth 4475
nutrients 6808, 6810, 8114	growth 117	mycorrhizas 4475
ozone 4394	inoculation 374	acid rain
Poland 1564	nitrogen 117	decline 6812
remote sensing 529	phosphorus 6308	growth 2301
resistance 8043	Rosellinia minor	seeds 6811
soil chemistry 1563, 2949	Austria 1017	Virginia 6811-6812
soil pH 2949	taxonomy 1017	decline
Switzerland 6306	Suillus grevillei, mycorrhizas, ultra-	air pollution 4438
dieback, USSR 1559	structure 2489	growth 5962
diseases, USSR 1559	Suillus variegatus	nitrogen 568
disorders, defoliation 562	mycorrhizas	North Carolina 5962
frost injury, Germany 561	growth 4694	physiology 5962
fungi	Yugoslavia 4694	USA 4438
pathogenicity 5111	sulfur dioxide	mycorrhizas
roots 5111	damage 4470	acid mist 4475
Hebeloma	Germany 3584	acid rain 2490
mycorrhizas	photosynthesis 564, 567	ozone
biochemistry 80	physiology 3584	decline 6812
enzymes 80°	transpiration 567	growth 2301
Heterobasidion annosum	Thelephora terrestris, mycorrhizas,	Virginia 6812
biochemistry 4467	phosphorus 6308	Picea sitchensis
fertilizers 4467	Trichoderma viride	Laccaria proxima, mycorrhizas, inocu
hydrogen peroxide, physiology 1561	decline 8109	lum 6313
Laccaria amethystina, mycorrhizas,	Germany 8109	Leptographium wageneri
phenolic compounds 7113	roots 8109	North America 5088
Laccaria laccata	viruses, inoculation 2915	susceptibility 5088
mycorrhizas	Picea engelmannii	mycorrhizas
growth 1750, 4694	Inonotus tomentosus	inoculation 6314
Yugoslavia 4694	survival 8112	Irish Republic 6314
Lactarius deterrimus, mycorrhizas,	Utah 8112	population dynamics 89
phenolic compounds 7113	Picea glauca	Ophiostoma polonicum, susceptibility
Lactarius piperatus	Armillaria	5089
mycorrhizas	Alberta 1528	sulfur dioxide
growth 4694	susceptibility 1528	insect pests 4471
Yugoslavia 4694	Chrysomyxa pirolata, Newfoundland	water stress 4471
Lophodermium piceae	5112 diseases	Tylospora fibrillosa, mycorrhizas 249
histopathology 4469	control 4466	Pigeon pea sterility mosaic virus, pigeon
infection 4469	Wisconsin 4466	peas 1619, 2379, 2381, 8257
mycorrhizas		Pigeon peas
acid rain 3135	Laccaria bicolor	Alternaria alternata, varietal reaction
air pollution 4472, 7136	mycorrhizas basidioma 1172	6095
biochemistry 6306 Czechoslovakia 7136	environmental factors 1172	Alternaria tenuissima
decline 84, 674, 6306	mycorrhizas	control 6907
enzymes 2483	Canada 4703	India 5192 survival 5192
France 84	growth 4703	varietal reactions 6095
Germany 101, 3134	mine spoil 4703	
growth 82	soil amendments 4703	Aspergillus flavus toxins 4520
6.01111102	Son amendments 4/03	TOVILLO AND

Pigeon peas cont.	Pineapples cont.	Pines cont.
Aspergillus flavus cont. varietal reactions 4520	wilt control 7837	Cronartium fusiforme cont.
Botrytis cinerea, phytoalexins 1622	viruses 7837	host parasite relationships 1548-
Corticium rolfsii, Pakistan 1624	Pines	1549, 2289-2290 inoculation 1548
diseases	acid rain	Mississippi 5093
control 6900	Finland 4457, 8107	monoterpenes 1545
reviews 6900	growth 5106	resistance 5093
Zambia 8253	needles 4457	symptoms 1546, 1548, 8103
Fusarium udum	nutrient deficiencies 4457	testing 1546
antagonists 8268 India 2379, 8279, 8284	pigments 5106 ultrastructure 4457	USA 1544
Kenya 8279	Agrobacterium, root exudates 5313	Cronartium quercuum China 4446
Malawi 8279	air pollution	yield losses 4446
screening 8284	Alberta 1557	Cronartium quercuum f.sp. banksianae,
varietal reactions 2379, 6089, 8279	Byelorussian SSR 1015, 2298	screening 5095
Gigaspora calospora, mycorrhizas,	damage 3571	Cronartium ribicola
phosphorus 139	enzymes 5958	alternative hosts 4452
Glomus constrictum, mycorrhizas, phosphorus 139	fertilizers 1016 Finland 5958	British Columbia 5955 China 1011
Glomus fasciculatum	ground vegetation 4444	control 1006
mycorrhizas	mycorrhizas 4444	integrated control 556
histochemistry 4710	phylloplane fungi 1553	Korea Republic 1006
nitrogen fixation 144, 3833	Poland 1553, 1558, 4444, 4458,	Liaoning 4452
ultrastructure 3833	4461-4462	Michigan 1005
Glomus mosseae, mycorrhizas, growth	soil fungi 4458	New Mexico 1009
7121 Leveillula taurica	soil microorganisms 1557-1558 thinning 1016	pruning 1006
India 8277	Ukrainian SSR 1016, 5099	selection 5955 USA 556
varietal reactions 8277	Amanita muscaria	Crumenulopsis sororia
mycorrhizas	mycorrhizas	isoenzymes 5104
fungicides 159	auxins 88	population genetics 5104
India 131	pH 77	Crumenulopsis sororia var.
phyllody	Armillaria	meridionale
Karnataka 8256	Alberta 1528 New Zealand 8096	control 1540 France 1540
varietal reactions 8256	reviews 8096	Cyclaneusma minus
Phyllosticta cajani environmental factors 1625	susceptibility 1528	ascocarps 6805
Uttar Pradesh 1625	Armillaria ostoyae	cytology 6805
varietal reactions 1625	Alberta 5094	Cylindrocarpon destructans, roots 5428
Phytophthora drechsleri	edaphic factors 5094	Cylindrocladium scoparium, Chile
mycorrhizas 7121	Arthrographis pinicola	8086
phenolic compounds 4574	biochemistry 4449 Canada 4449	damping off
varietal reactions 4574	taxonomy 4449	biological control 2293 control 3577
Phytophthora drechsleri f.sp. cajani	Atropellis piniphila	mycorrhizas 2293
biochemistry 8266 enzymes 1085	British Columbia 2287	decay
India 2379, 4579	yield losses 2287	wood anatomy 2308
resistance 8266	Boletinus cavipes, mycorrhizas, phos-	wood chemistry 2308
survival 4579	phorus 110	decline
testing 8278	Boletus edulis, mycorrhizas, environ- mental factors 86	air pollution 4463 altitude 4394
varietal reactions 1619, 2379, 8266	Botryodiplodia theobromae, China	Canada 4439
pigeon pea sterility mosaic virus	2253, 4456	environmental factors 4439
Andhra Pradesh 2381 breeding 8257	Botrytis cinerea	estimation 2947
India 2379, 8257	host parasite relationships 5100	Germany 529, 2938, 2946-2948,
screening 8257	phytoalexins 5100	3582, 4394, 4397
survival 2381	Cenangium abietis, Shandong 2945	nutrients 2948
transmission 2381	Cenococcum geophilum mycorrhizas	ozone 4394 remote sensing 529
varietal reactions 1619, 2379	ecology 3813	Sichuan 4463
Rhizobium	pH 77	USA 4439
nodulation 8251	Ceratocystiopsis collifera	dieback
symptoms 8251 seed treatment, seed germination 6852	Mexico 4435	China 4464
iloderma bicolor	taxonomy 4435	Italy 2297
copper 2493	Ceratocystis clavigera, pathogenicity 5097	Diplodia pinea China 4456
pigmentation 2493	Ceratocystis ips, ethylene 6804	environmental factors 4456
iloderma croceum	Chroogomphus rutilus, mycorrhizas,	hail 5103
Coniferae, mycorrhizas 1743	morphology 108	Hunan 2291
enzymes 1794	Coleosporium, Cuba 1532	isolates 5101, 5952
mannitol 100 metabolism 100	Cronartium coleosporioides	Jiangsu 559
nitrogen metabolism 1794	British Columbia 2287	Minnesota 5101 reviews 8098
Picea abies, mycorrhizas 7096	yield losses 2287 Cronartium comandrae	South Africa 5103, 5952, 8098
pines, mycorrhizas 6304	Montana 5098	Western Australia 5951
impinella anisum, Leptosphaeria	Wyoming 5098	Wisconsin 5101
pimpinellae, Israel 2181	Cronartium flaccidum	yield losses 5103
ineapples Cibbs II Collins II Col	alternative hosts 2295	diseases
Gibberella fujikuroi var. subglutinans Brazil 6682	China 2295 growth 1541	Alberta 1539 economics 8031
isolates 6682	Sweden 1541	environmental factors 1004
varietal reactions 6682	Cronartium flaccidum f.sp.	expert systems 554
Glomus aggregatum, mycorrhizas,	siphonostegium	New Zealand 8031
growth 6331	alternative hosts 2294	RSFSR 1004, 8087
Phytophthora (200	China 2294	South Africa 6802
Australia 6266	control 2294	Spain 8092 Wisconsin 554
control 6266 Phytophthora cinnamomi, control 4266	Cronartium fusiforme breeding 1531, 1544-1545	Endocronartium harknessii
Scutellospora scutata, mycorrhizas,	cytokinins 1549	British Columbia 3580
Brazil 1773	Florida 8103	histopathology 2944

ines cont.	Pines cont.	Pines cont.
Endocronartium harknessii cont.	Lactarius deliciosus	ozone
isoenzymes 1010	mycorrhizas	damage 1555, 6799
Ontario 4447	competition 116	fatty acids 8047
resistance 2944	France 116	frost resistance 8088
screening 5095	Leptographium procerum, Connecticut	growth 1556, 5106
susceptibility 3580	4455	mycorrhizas 2484
USA 1010	Leptographium wageneri	photosynthesis 1552, 5107
Endocronartium pini	North America 5088	physiology 1554
culture 1550	susceptibility 5088	pigments 5106
susceptibility 2299	taxonomy 3570	Switzerland 6806
	Lophodermella sulcigena, USSR 8102	Paecilomyces variotii, metabolites 59
fungi		Parvacoccum pini
Coleoptera 4453	Lophodermium	British Columbia 3581
monoterpenes 4453	China 1551	taxonomy 3581
Fusarium	hyperparasites 1013	Paxillus involutus
control 5948	taxonomy 1551	
USSR 5948	Lophodermium australe, Cuba 1533	mycorrhizas
Fusarium oxysporum	Lophodermium maximum	diseases 1008
control 8106	China 1014	fertilizers 90
Iraq 8106	environmental factors 1014	growth 6310
Fusarium oxysporum f.sp. pini, mycor-	models 1014	nitrogen 111
rhizas 1008	Lophodermium pinastri	protein synthesis 6307
Gibberella fujikuroi vat. subglutinans	Poland 1537	sulfur dioxide 93
	sulfur dioxide 1537	Pestalotia, Cuba 1533
California 5957, 6801	Lophodermium seditiosum, USSR 558	Phacidium coniferarum
host parasite relationships 555	Lophodermium sulcigena, China 4451	Finland 5949
inoculation 1547		pruning 5949
insects 6801	Melampsora populnea	Phellinus pini
pathogenicity 5957	growth stages 5102	pathogenicity 8101
seeds 1547	susceptibility 5102	susceptibility 2299
water relations 4454	testing 5102	
Gremmeniella abietina	mycorrhizas 3800	Phomopsis
air pollution 1534	Alberta 3797	biochemistry 8104
control 1000	aluminium 1188	Japan 8105
	assessment 92	Nematoda 8105
environmental factors 5950	Canada 4703	toxins 8104
Finland 5950	China 2492	Phytophthora cinnamomi
New York 1000	clearcutting 69	Australia 5954
Norway 1543		herbicides 5954
Poland 1534	Colorado 1746	host parasite relationships 3579
resistance 1543	estimation 105	in vitro selection 4450
gummosis	fertilizers 5320	tissue culture 4450
China 1012, 2296	Finland 63, 69, 6304	ultrastructure 3579
control 1012, 2296	growth 66, 3799, 4703	Pisolithus arhizus
Hebeloma arenosa	herbicides 1167	mycorrhizas
mycorrhizas	IAA 103	growth 1157
	inoculation 87, 1744, 3797, 5428	
growth 7098	inoculum 103	phosphorus 75
phosphorus 75, 7098-7099	Meghalaya 1744	Pisolithus tinctorius
Hebeloma crustuliniforme	mine spoil 4703	mycorrhizas
mycorrhizas	Mississippi 5320	afforestation 7095
estimation 7100	Netherlands 91-92	edaphic factors 3806
France 83		fungicides 68
fungicides 68	nitrogen 103, 6304	growth 3800-3801, 3804, 3806
phosphorus 6312	ozone 2484	4688-4689, 4692
physiology 2486	phosphorus 3799	inoculum 3802
soil 83	ploughing 63	Kenya 3804
Hebeloma cylindrosporum, mycor-	Poland 1160	Korea Republic 4689
	preservation 118	Malawi 1166, 3802
rhizas, nitrogen 97	reviews 3795	mine spoil 3807
Hebeloma sinapizans, mycorrhizas,	soil amendments 4703	mined land 1158, 7095
growth 6310	soil treatment 1160	nitrogen 97
Heterobasidion annosum	succession 91	
afforestation 1535	synthesis 1743	Ohio 7095
antagonists 8100	Mycosphaerella dearnessii	pH 77
Florida 8099	China 1538, 3576	Senegal 3806
Poland 1535	control 8094	Tennessee 1158, 3807
resistance 2941	Cuba 1533	USA 3800
roots 8099		plant extracts
susceptibility 2299	culture 2942	antifungal agents 2667, 3000, 722
Hyphodontia, mycorrhizas, ecology	Guangxi 2292	antiviral properties 3199
3813	isolates 3576	Pythium aphanidermatum, soil amen
Laccaria bicolor	resistance 1538	ments 3578
	seeds 1007, 2292	Rhizina undulata
mycorrhizas	USA 8094	Korea Republic 5096
basidioma 1172	Mycosphaerella gibsonii	roots 5096
development 107	control 2943	Rhizoctonia solani
environmental factors 1172	Madhya Pradesh 4443	control 8106
infection 72	nurseries 2943	India 5061
mating types 1170	provenance 4443	Iraq 8106
variation 107	Tropics 2943	soil amendments 3578
Laccaria laccata	Mycosphaerella pini	Rhizopogon luteolus
mycorrhizas	Chile 1542	mycorrhizas
concanavalin A 2495	control 1542, 4448, 8095	anatomy 3137
France 83	New Zealand 8095	
fungicides 68	Ontario 5956	auxins 88
growth 1750, 6310		morphology 3137
	spread 8093	Rhizosphaera kalkhoffii, Chile 8086
infection 2495	varietal reactions 8097	root rots
nitrogen 70	Victoria 8093	Byelorussian SSR 4445
root exudates 5313	Nectria radicicola, Chile 8086	cultivation 4445
soil 83	Ophiostoma conicolum	Scleroderma, mycorrhizas, growth
staining 2495	Mexico 4435	4692
Laccaria proxima, mycorrhizas, sulfur	taxonomy 4435	Scleroderma aurantium, mycorrhizas
dioxide 93	Onhiostoma polonicum recistance 5080	environmental factors 86

		1.1
Pines cont.	Piper methysticum, diseases, Oceania 2177	Dient diesesse
Sclerophoma semenospora, Chile 8086	Piper nigrum	Plant diseases cont. diagnosis cont.
seedborne fungi, pathogenicity 557	Glomus fasciculatum	DNA probes 7305
Septoria, China 4451	mycorrhizas	environmental factors 1120
Septoria pini-thunbergii, Japan 5105 Suillus	growth 5355	Parana 7398
mycorrhizas	nitrate reductase 5355 phosphorus 5355	epidemiology 5433-5434
abietic acid 112	mosaic	assessment 5436-5437 books 1667, 5248
spore germination 112	India 4996	control 5441
Suillus bovinus	varietal reactions 4996	crop growth stage 5436
mycorrhizas	mycorrhizas, diseases 7866	environmental factors 5439-5440
auxins 88 fertilizers 90	Phytophthora	experimental design 5451
Finland 1161	fungicide tolerance 5518 Kerala 5518	models 1888
isoenzymes 1161-1162	Phytophthora palmivora	reviews 3709
population dynamics 3811	control 3486	yield losses 5444 forecasting 5445
Sweden 3811	cultivation 2847	reviews 225
Suillus granulatus	Karnataka 3872, 7396	genetics, reviews 3712
mycorrhizas competition 116	Kerala 2847, 3486	Guam 4628
France 116	soil 201 survival 3872	herbicides, reviews 3743
growth 6310	Xanthomonas campestris pv. betlicola	induced resistance 6183
Suillus grevillei, mycorrhizas, phos-	mycorrhizas 7866	integrated control 6164, 6177 Europe 1925
phorus 110	varietal reactions 7866	iron, siderophores 2516
Suillus tomentosus, mycorrhizas, herbi- cides 670	Pisolithus arhizus	legislation
Suillus variegatus	inoculum 106	Austria 58, 3129
mycorrhizas	pines, mycorrhizas 75, 1157 Pisolithus tinctorius	Brazil 58
Finland 1161	Abies, mycorrhizas 7105	Cyprus 3129
isoenzymes 1161-1162	Afzelia africana, mycorrhizas 3805	Europe 58, 2480, 3129, 6292
plant growth regulators 114	antagonism, plant pathogens 7105	France 58
sulfur dioxide	antifungal agents 7176	Germany 58, 2480 Greece 58
Finland 6807	antifungal properties 119	Irish Republic 58
mycorrhizas 93 Poland 6807	Coniferae, mycorrhizas 1743	Italy 3129
Sydowia polyspora	copper 2493	Malaysia 6292
air pollution 1536	enzymes 95	Netherlands 2480, 3129
Poland 1536	Eucalyptus camaldulensis, mycorrhizas 1741	Spain 2480
Thelephora terrestris	Eucalyptus globulus, mycorrhizas 1173	Sweden 2480
mycorrhizas	Eucalyptus grandis, mycorrhizas 3798	Switzerland 667, 2480
fungicides 68	Eucalyptus pilularis, mycorrhizas 7097	UK 58, 2479-2480
mined land 1158	Eucalyptus urophylla, mycorrhizas	models 5449-5450 nomenclature 659, 3073
South Africa 6311	1163, 3798	polyamines 1662
Tennessee 1158 Tricholoma auratum, mycorrhizas,	identification 104	quarantine, Australia 6296, 7085
morphology 3139	metabolites 7176  Picea abies, mycorrhizas 117, 673-674,	resistance
Wilcoxina mikolae, mycorrhizas,	6308, 7096	phytoalexins 6968
Kenya 1756	Picea mariana, mycorrhizas 3808	reviews 6969
witches' brooms, control 2288	pigmentation 2493	soil amendments, reviews 7404
wood destroying fungi	pines, mycorrhizas 66, 68, 77, 97,	soil solarization 7229-7230
Florida 8099 roots 8099	1158, 1166, 3799-3802, 3804,	reviews 7228 spread, models 1889
Pinus (see Pines)	3806-3807, 4688-4689, 4692, 7095	surveys 5447
Piper, plant extracts, antifungal agents	Quercus acutissima, mycorrhizas 4687 Quercus serrata, mycorrhizas 2487	viroids, reviews 251
1960	restriction fragment length polymor-	Western Samoa, books 6995
Piper betle	phism 104	Plant extracts
Alternaria alternata, India 6698	trees, mycorrhizas 6299	activity
Cochliobolus lunatus, India 6698	Pistachios	Alternaria brassicicola 3774
Colletotrichum capsici	Botryosphaeria dothidea, California	Aspergillus niger 3774, 5291
competitive ability 7861 control 2168, 5828	6798	tomatoes 4378  Bacillus subtilis 6260
enzymes 2169	Botrytis cinerea, varietal reactions 4430 Glomus mosseae, mycorrhizas, Spain	benomyl 3121
survival 7861	5340	Botrytis cinerea 6260, 8186
Corticium rolfsii, survival 3485	Phytophthora citrophthora, Iran 1523	Ceratocystis ulmi 3753
diseases	Pisum sativum (see Peas)	Cladosporium cucumerinum 4672
control 1436	Planococcus ficus, transmission, grapes,	Cladosporium herbarum 3116
India 1436 Glomerella cingulata	viruses 2156, 2824 Plant diseases	Cochliobolus lunatus 7154 Cochliobolus miyabeanus 5291
biochemistry 5826	assessment 5435	Corticium rolfsii 786, 5292
leaves 5826	Austria, weather 2558	cucumber green mottle mosaic
physiology 7860	bacteria, books 661	tobamovirus 3199
Phytophthora nicotianae var. parasitica	biological control 2445, 6172, 6178,	Cylindrocarpon lichenicola 7154
environmental factors 5827	6180-6181, 7230	Erwinia amylovora 3422
Tamil Nadu 5827	antibiotics 6289	Fusarium oxysporum f.sp. lycoper
Phytophthora palmivora, control 2168	environmental factors 6186	sici 6259 Fusarium solani 7154
Xanthomonas campestris pv. betlicola control 7865	genetic engineering 6394 phylloplane 6187	Glomus mosseae 5344
exopolysaccharides 7864	phyllosphere 6173	legumes, diseases 3000
isolates 7864	reviews 3228	Macrophomina phaseolina 4671
Madhya Pradesh 7863	siderophores 6185	Myrothecium leucotrichum 7154
nutrients 5830	control	Peronospora parasitica 6001
permeability 5829	biotechnology 6167	phylloplane fungi 4682
phenols 7862	books 6993	potato X potexvirus 3199
plant age 7863 resistance 5830	copper fungicides 3123	Pseudomonas solanacearum, toma toes 2249
sugars 7862	cost benefit analysis 6215 genetic engineering 6972	Puccinia recondita 4672
susceptibility 7862	India 6993	Pyrenophora teres 6261
Tamil Nadu 7865	models 1888	Pyricularia oryzae 6262
varietal reactions 5829-5830, 7863	organic farming 6425	rice 2659
Piper longum, Pseudocercospora piperis,	defence mechanisms, exudates 3229	Pythium ultimum 1725, 3171,
West Bengal 1850	diagnosis 6380	6261, 8186

Plant extracts cont.	Plant pathogens cont.	Plantomycin
activity cont.  Rhizoctonia solani 1725, 5292,	distribution cont. reviews 3710-3711	Xanthomonas campestris, cauliflow-
6261, 8186	electron microscopy 6385	ers 8155
rice, diseases 2019	books 6195	Xanthomonas campestris pv.
Samanea saman 5066	environmental factors 6977	cucurbitae, cucumbers 8176
Sclerotinia sclerotiorum 5292	epidemiology, spread 5448	seed treatment, cauliflowers 8155 Plants
seedborne fungi, rice 2020	fungicide tolerance 33 reviews 34	air pollution, mycorrhizas 7135
spinach mosaic virus 6416 sugarcane mosaic potyvirus 6508	hyperparasites 3901	defence mechanisms, reviews 1663
sunn-hemp rosette virus 6081	infection	diseases
tobacco mosaic tobamovirus 3199	models 7295	control 6973
Trichoderma longibrachiatum 6975	reviews 7295	evolution 4779
Uredinales 1146	laboratory tests composts 5403	forecasting 7302 genetics 4779
Valsa ceratosperma 427-428 Verticillium tricorpus 6259	plant extracts 5244	in vitro selection, reviews 7299-7300
wheat, seedborne fungi 5536	Mexico 6360	induced resistance, reviews 7402
antibacterial agents 3749, 6199, 7068	microscopy, reviews 6382	phenolic compounds 4635
antifungal agents 43, 264, 1960, 3749-	mycorrhizas, reviews 7130	resistance 7298, 7403
3750, 3958, 5244, 7068 antiinfective agents, reviews 3738	Nematoda, reviews 3956 nomenclature 659	tissue culture 7298 toxins 6973
antiviral agents 2382, 2542, 7313-7314,	pathogenesis, reviews 6974	reviews 7401
7321, 8308	plant composition 6976	endophytes
control	quarantine, Thailand 6295	Japan 1665
Alternaria tenuissima, pigeon peas	soil 5438	reviews 1665
6907 Aspergillus flavus, groundnuts 1612	thesauri 1122	microorganisms 3707 mycorrhizal fungi, interactions 1777
Aspergillus niger, tomatoes 4378	toxins, reviews 6171 transmission 6161, 6395	mycorrhizas
Aspergillus parasiticus, groundnuts	Trichoderma, hyperparasitism 6184	Andhra Pradesh 1181
1612	virulence 5443	biology 1776
Beauveria bassiana, mulberries	Plant pathologists, Latin America, directo-	Korea Republic 1766
6667	ries 6988	phenolic compounds 4635
Erwinia amylovora, Cotoneaster salicifolius var. floccosus 3088	Plant pathology books 6193, 6992	phosphorus 1761 plant succession 169
groundnuts, diseases 6884	computer software	plant pathogens
okra mosaic tymovirus, Abelmos-	data collection 6388	evolution 6979
chus esculentus 8316	teaching 3703	interactions, books 660
Phomopsis psidii, guavas 3967 Phomopsis viticola, grapes 3967	cytology, reviews 6971	tobacco ringspot nepovirus, pathogene-
Phytophthora, soil 1828	epidemiology books 3716	sis-related proteins 3216 tumours, reviews 4638
Pythium aphanidermatum,	statistics 6392	viruses
aubergines 644	immunological techniques, reviews 5247	genetic engineering 5461, 6408,
Pythium ultimum, sesame 3171	models 5243	7309, 7334
Sclerotinia sclerotiorum, Cicer arie- tinum 3027	quarantine	genetic transformation 1893, 6404
Thanatephorus cucumeris, Vigna	books 6190, 6996-6997 Tropics 6293	induced resistance 6413 resistance 1893, 7334
radiata 4580	statistics, reviews 7301	Plasmodiophora brassicae
Valsa ceratosperma 901	teaching, Cambridge 2050	Brassica 3598, 8136
Plant growth regulators	techniques, books 6190	Brassica oleracea 3599
activity	Plant protection	broccoli 2330
Alternaria 575 Fusarium, cereals 7436	aerial photography 1886 Africa, books 3	cabbages 2330, 8136 Chinese cabbages 1035, 1579-1580,
Macrophomina phaseolina, sor-	Austria 3737, 4659	5992, 6000
ghum 2008	bibliographies 1123-1124	Cruciferae 8146
Phytophthora colocasiae 5213	biotechnology 3076	mustard 1576
Pyrenopeziza brassicae 575	Europe 6165	rape 8140
soyabeans, seedborne fungi 6067 control	legislation 6165 reviews 3706	soil 6000 Plasmopara halstedii
bananas, storage decay 4978	books 6188	laboratory tests, fungicides 2175
barley yellow dwarf luteovirus	chemistry	sunflowers 456, 2172-2173, 4309, 5004,
maize 3237	books 27	5835, 5838-5839, 6705, 7872,
Pennisetum americanum 3237 Plant oils	reviews 27	7876
activity	electricity 6965 expert systems 5508	Plasmopara viticola grapes 719, 1428, 2825-2826, 2829-
Aspergillus flavus 44, 7052	France 5246	2831, 2835-2836, 3472, 3772,
Aspergillus niger 7052	genetic engineering 6162	3958, 4285-4286, 5814, 6266,
Cochliobolus miyabeanus 1709	Germany 36-37, 5242	6691-6692, 7841, 7845-7848
Corticium rolfsii 7226 Erwinia amylovora 7012	glossaries 3704	laboratory tests
maize, seedborne fungi 1991	industry 6163 integrated control 4666	aryltetrazole-5-sulfones 5813 fungicides 46
Pestalotiopsis versicolor, guavas	international trade 6298	β-lactams 3120
5795	Israel 6147	Plastic film, control, crops, diseases 3953
Rhizoctonia solani, guavas 5795	legislation, Germany 1134	Platanthera, mycorrhizas, Alberta 178
soil fungi 7226	Netherlands, reviews 6989	Platanus, Microsphaera penicillata, Chile
antifungal agents 7054-7056 control	pesticides, expert systems 1706 remote sensing 1885	1515 Platanus acerifolia
Aspergillus ruber, peas 6860	sustainability 6967	Ceratocystis fimbriata f.sp. platani
Gibberella fujikuroi, Vigna radiata	terminology 3705	containers 988
6084	training 4	infection 988
Phomopsis psidii, guavas 3967	Africa 4636	Gnomonia platani, Chile 1514
Phomopsis viticola, grapes 3967 soyabeans, seedborne fungi 4547	USSR 3702 Plant viruses (see Viruses)	Microsphaera platani, UK 7255  Platanus occidentalis
Plant pathogens	Plantago major	Apiognomonia veneta, environmental
air spora 2444	Glomus fasciculatum	factors 1516
antagonists 6179, 6182	mycorrhizas	Gnomonia platani, Chile 1514
Bacillus subtilis, antagonism 5403	growth 1771	Xylella fastidiosa, immunodiagnosis
biological control 2482 books 1122	phosphorus 1771 Plantation crops	2924 Platanus orientalis, Gnomonia platani,
defence mechanisms 6182	diseases	Chile 1514
distribution	India 3231	Platygloea peniophorae, hyperparasitism,
models 3711	integrated control 3231	Hyphoderma praetermissum 5371

Platunus subaranosus transmission	D	
Platypus subgranosus, transmission, Chalara australis 4426	Poa	Poland cont.
Plectranthus parviflorus	Cladochytrium caespitis, symptoms	forests cont.
mycorrhizas, plastids 1792	396 diseases, Turkey 1394	mycorrhizas 96
Pseudomonas cichorii	Poa annua	Lolium perenne, diseases 5721
control 7722	Magnaporthe poae	maize
symptoms 7722	control 873	Fusarium crookwellense 1350 Gibberella zeae 1350
Pleioblastus chino var. viridis	pathogenicity 3357	pears, Erwinia amylovora 4212
Dicellomyces gloeosporus	USA 873, 3357	peas, Ascochyta 4522
Japan 3186	Sclerotinia homoeocarpa, biological	Picea abies, decline 1564
taxonomy 3186	control 4917	pines
Pleiochaeta setosa, lupins 5735, 7157	Poa pratensis	air pollution 1553, 1558, 4444,
Pleospora betae, sugarbeet 2970, 5132, 5135, 6827	Acremonium lolii, fungicides 872	4458, 4461-4462
Pleospora herbarum	Cladochytrium caespitis, varietal reac-	Gremmeniella abietina 1534
carrots 2983-2984, 8157	tions 6599	Heterobasidion annosum 1535
faba beans 5164	Coprinus psychromorbidus pathogenicity 725	Lophodermium pinastri 1537
lucerne 4933	temperature 725	mycorrhizas 1160
Phaseolus vulgaris 6865	Drechslera poae	sulfur dioxide 6807 Sydowia polyspora 1536
tomatoes 2901	control 6604	Quercus robur, Ceratocystis
Pleospora papaveracea, Papaver 4994	Maryland 6604	fagacearum 1513
Pleospora tarda, lucerne 5728	Fusarium culmorum, varietal reactions	Vaccinium myrtillus, mycorrhizas 4459
Pleurotus	6599	wheat
diseases	Gaeumannomyces incrustans	Fusarium 1303, 4002
control 1089	pathogenicity 3357	Fusarium culmorum 4029
environmental factors 1089 symptoms 1089	USA 3357	Gibberella zeae 4029
Trichoderma, control 3663	Laetisaria fuciformis, varietal reactions 2117	Polianthes tuberosa, plant extracts,
Plum pox potyvirus		antiviral agents 8308
apricots 3432, 3441, 3443-3445	Leptosphaeria korrae control 873	Pollaccia elegans, Populus 541 Pollaccia valiciparda, Salty 3564
coat proteins 3204, 3206-3207	detection 3358	Pollaccia saliciperda, Salix 3564 Polyalthia longifolia, plant extracts.
damsons 2131	monoclonal antibodies 3358	antifungal agents 2019
detection 3208	USA 873, 3358	Polyamines
DNA probes 1907	Magnaporthe poae	activity
electron microscopy 3205	control 6604	plant diseases 1662
enzymes 3922, 3942	Maryland 6604	Pyricularia penniseti 7576
epidemiology 3208	pathogenicity 3357	Polygonum bistorta, Ustilago marginalis,
Germany 3221	USA 3357	Germany 3183
immunodiagnosis 1907 immunological techniques 3205	Phialophora graminicola	Polygonum macrophyllum, Ustilago
isolates 3207	pathogenicity 3357 USA 3357	himalensis, Japan 4746
molecular genetics 2546	Urocystis agropyri, growth 877	Polymyxa betae soil 3170
mutants 3922	Ustilago striiformis	sugarbeet 2316, 5125, 5134, 5976,
nectarines 3440	control 6604	8125-8126
Nicotiana clevelandii 3932, 7348	growth 877	transmission
nucleotide sequences 246, 3206-3207,	Maryland 6604	beet necrotic yellow vein virus 5125
5495	Poa semilatent hordeivirus, serological rela-	5971
peaches 3432	tionships 1262	beet soil-borne virus 5125
plums 2131, 2538, 2784-2789, 3432,	Poaceae	Polymyxa graminis
3434-3436, 7790	Puccinia, evolution 2109	barley 1328
proteins 1252, 5479 quarantine 3221	Uromyces, evolution 2109 Podosphaera clandestina, cherries 4966	transmission, Indian peanut clump furovirus 5182
resistance 3208	Podosphaera leucotricha	Polyoxins
transmission 5495	apples 1407, 2470, 3958, 4936, 5509,	control, Cercospora carotae, carrots
Plums	6273, 6623, 7769-7770	2982
apple chlorotic leafspot virus	laboratory tests, quinolines 7059	fungicide residues
characteristics 2744	Malus 3960	apples 7063
isolates 2744	pears 1407	soil 7063
symptoms 2743-2744	Podosphaera wuyishanensis, Prunus	Polyporus, apples 902
Aspergillus niger	fukienensis 1855	Polyporus occidentalis
control 3791 Jammu and Kashmir 7791	Pogonatherum paniceum	Albizia lebbek 1569
postharvest decay 7791	Puccinia pogonatheri Arunachal Pradesh 7238	mangoes 1569 Terminalia arjuna 1569
cherry leaf roll nepovirus, rootstock	taxonomy 7238	Polyporus tenuiparies, Quercus
scion relationships 3372	Pogostemon benghalense	chihuahuensis 3878
diseases	Septoria pogostemoniae	Polyscias fruiticosa, Oldium, Karnataka
Belgium 4205	India 3896	362
varietal reactions 4205	taxonomy 3896	Polyscytalum pustulans
plum pox potyvirus	Poinsettias (see Euphorbia pulcherrima)	potatoes 473, 2857, 5018
biochemistry 3434	Poland	soil 2857
breeding 2784-2785, 2789, 7790	Abies alba	Pome fruits
Bulgaria 2784-2786 control 3436	air pollution 4441 decline 553	diseases
detection 3432	apples	control 4939 Washington 4939
host parasite relationships 3434	Alternaria 4949	Erwinia amylovora
Italy 3436	Botrytis cinerea 4949	detection 4210, 4941
mixed infections 3435	Erwinia amylovora 4212	Mediterranean countries 4218
Moldavian SSR 2788-2789	black currants	models 2749
spectroscopy 2538	diseases 437, 4258	monoclonal antibodies 4210, 4941
testing 2787	Sphaerotheca mors-uvae 5779	quarantine 7766
USSR 7790	clovers, seedborne fungi 5723	reviews 7766
varietal reactions 2131, 2786, 3435	faba beans	USA 2749
Xanthomonas campestris py pruni	Ascochyta 4522	Monilinia, India 893
Xanthomonas campestris pv. pruni infection 908	diseases 3633 Erwinia herbicola 8203	mycoplasma-like organisms, varietal reactions 4937
seeds 908	forest trees	viroids, detection 7765
Xylella fastidiosa	Armillaria mellea 979	viruses, varietal reactions 4937
breeding 1416	Heterobasidion annosum 979	Pomegranates, diseases, India 5802
hosts 1416	forests	Pongamia pinnata
transmission 1416	air pollution 1491	Asperisporium pongamiae, Andhra
PMA (see Phenylmercury acetate)	Armillaria lutea 528	Pradesh 2182

Pongamia pinnata cont.	Populus grandidentata	Potato aucuba mosaic potexvirus cont.
plant oils, antifungal agents 1709	Armillaria	serology 7343 Potato leaf roll luteovirus
Poplar mosaic carlavirus, Populus 4406 Poppy (see Papaver)	stumps 5080, 8077 Wisconsin 5080, 8077	Capsicum 1099
Populus	Populus nigra, Venturia populina, India	coat proteins 5468
Agrobacterium tumefaciens	989 Populus tremula	monoclonal antibodies 1248, 7330 Physalis 1264
clonal variation 5944 France 5944	decay	potatoes 468-471, 940, 2191-2192,
susceptibility 3563	wood anatomy 2308	3501, 5011-5012, 5014, 5863-
air pollution, physiology 4399	wood chemistry 2308	5866, 7914
Armillaria mellea	viruses, Czechoslovakia 2923 Populus tremuloides	proteins 7355 replication 7355
control 5077 Shandong 5077	Armillaria	serology 5468
susceptibility 5077	stumps 5080, 8077	transmission 3215
Botryodiplodia populea, temperature	Wisconsin 5080, 8077	Potato M carlavirus nucleotide sequences 3944, 4320, 7328
5076	Cryptosphaeria lignyota, Minnesota 5075	potatoes 469, 940, 2854, 3499, 5011-
cankers, China 991 Catinella olivacea, Netherlands 3184	drooping aspen disease	5012, 5863-5864, 5866, 6721
Cryptodiaporthe populea	Colorado 1519	proteins 3910, 4320
China 5078	wood anatomy 1519 Hypoxylon mammatum	serology 3910 tomatoes 8003
phytoalexins 8075	susceptibility 4420	Potato mop top furovirus
resistance 8075	water stress 4420	potatoes 943
decay, Korea Republic 4418 diseases	ozone, resistance 1518	RNA 714
control 4421	Populus trichocarpa	Potato S carlavirus Chenopodium quinoa 712
Jammu and Kashmir 541	Xanthomonas populi subsp. populi clones 5081	nucleotide sequences 7328
New Zealand 8048	susceptibility 5081	potatoes 469, 940, 2193, 2854, 3499,
resistance 4421 Dothiorella gregaria	ultrastructure 5081	4760, 5011, 5864, 5866, 6721
antagonists 2930	Porana paniculata, Pseudocercospora	Potato spindle tuber viroid chrysanthemums 372
epidemiology 2931	poranae, West Bengal 2520 Poria hypobrunnea, tea 7973	Gynura aurantiaca 1261
models 2931	Poria hypolateritia, tea 7969	infectivity 5455
resistance 543 selection 542	Poria megalopora, taxonomy 3883	molecular genetics 7389
Shaanxi 2931	Poria subacida, taxonomy 3883 Portugal	pathogenicity 7389 potatoes 472, 722, 1444, 2856, 3220,
Drepanopeziza populorum, China 545	cereals	3504-3505, 5860, 7920
Drepanopeziza punctiformis, China	Fusarium 2584	quarantine 7360
545	Gibberella 2584	reviews 7360
Hypoxylon mammatum phytoalexins 8075	grapes, Uncinula necator 4288 Hedera helix, Xanthomonas campestris	RNA 5455 Solanum muricatum 2896
resistance 8075	pv. hederae 6947	tomatoes 722, 1261, 2243, 2896, 3220,
RSFSR 8050	Portulaca oleracea	3539, 4369, 5457, 5916, 5919
Leucostoma niveum, pathogenicity	Pseudomonas solanacearum	Potato V potyvirus, potatoes 3500
2268 Marssonina, China 545	enzymes 7014 genetic engineering 7014	Potato X potexvirus antiviral agents 230
Melampsora larici-populina	Postharvest decay	Capsicum 2404, 6938, 8305
Europe 8076	Annona squamosa 6684	coat proteins 6417, 7376
histopathology 2269	apples 3399, 4940, 5756, 5760, 7783	Datura 7377
races 8076	aubergines 643 avocados 4267	gene expression 7356 globe artichokes 1092
varietal reactions 2269, 8076 Melampsora medusae	bananas 2148, 7824-7825	Gomphrena globosa 3199
histopathology 2269	chicory 4594	immunodiagnosis 2540
varietal reactions 2269	citrus 830, 2671, 4902, 6537-6538	infectivity 5474
Mycosphaerella mandshurica	Coccinia grandis 6024 Cucurbitaceae 6845	molecular genetics 5474, 5488 nucleotide sequences 3218
China 544 epidemiology 544	fruit 892	potatoes 469-470, 940, 1443, 2854-
forecasting 544, 5079	grapes 3967, 6693-6694	2855, 3499, 4318, 5011-5012,
Mycosphaerella populorum	guavas 3967, 6675	5015, 5864, 5866-5867, 6716,
clonal variation 4419	Lablab purpureus 5123 mangoes 5797	6721, 7915, 7918 serology 3219, 6417, 7343
control 4419	melons 2996, 6031	Solanum 7917
Michigan 4419 poplar mosaic carlavirus, air pollution	oranges 7667, 7670	tobacco 964, 2232
4406	pawpaws 2154, 2922, 6679-6680	tomatoes 3199, 5915
Tricholoma populinum, Hebei 2270	peaches 7793 pears 4235, 4239-4240, 4940, 5765	Potato Y potyvirus Capsicum 242, 2404, 4599, 5511, 6117,
Valsa sordida	plums 7791	6938-6939, 7374
insects 990 isoenzymes 992	raspberries 2143	coat proteins 5464
pathogenicity 2268	roses 2720, 3347	Cyphomandra betacea 2817
Populus alba	tomatoes 6774, 8006 turmeric 7887	monoclonal antibodies 5464, 7330 Nicandra physaloides 6132
mycoplasma-like organisms	Vaccinium 2138	nucleotide sequences 1914, 1916
maintenance 718 micropropagation 718	vegetables 2315, 5123	potatoes 469-470, 492, 940-942, 2194,
Populus canadensis	Potassium permanganate, control, guavas,	2855, 2860, 3497, 3499-3500, 3502-3503, 4319, 5011-5012,
decline	postharvest decay 6675  Potassium phosphonate	5016, 5863-5867, 6716, 7914-
fungi 5074	activity, Phytophthora palmivora 1729	7915, 7919
Italy 5074	control	Solanum 7917
water stress 5074 ozone, fatty acids 8047	Phytophthora cinnamomi	tobacco 964, 1453, 2888, 3531, 5042, 5511, 5907, 7374
Populus casale, Cercospora populina,	avocados 2810 pineapples 4266	tomatoes 503, 3535, 8001
India 208	Phytophthora citricola, avocados	Potato yellow mosaic geminivirus, nucleo-
Populus ciliata, Cladosporium humile, control 4417	2810	tide sequences 5491
Populus deltoides	Phytophthora palmivora, cocoa 3975	Potatoes Agrobacterium tumefaciens
Coriolus versicolor, decay 2267	Potato A potyvirus	binding 3519
Melampsora medusae, somaclonal vari-	coat proteins 5464	interactions 3519
ation 1517  Phellinus noxius, Uttar Pradesh 2929	monoclonal antibodies 5464	resistance 7937
sulfur dioxide, leaves 2271	potatoes 940, 3500, 5864, 5866 Potato aucuba mosaic potexvirus	Alternaria control 5869
Venturia populina, India 989	coat proteins 7376	expert systems 5869

Potatoes cont.	Potatoes cont.	Potatoes cont.
Alternaria cont.	Erwinia carotovora subsp. atroseptica	phylloplane fungi, distribution 1446
USSR 5869	cont.	Phytophthora infestans
Alternaria alternata	mixed infections 6712	air spora 7926
defence mechanisms 4331	storage 4332, 5886	Assam 7926
host parasite relationships 4331	strains 3520	Austria 2865
models 2212 varietal reactions 4331	testing 5888 UK 5888	breeding 476, 1928, 2852, 2860,
Alternaria solani	USA 3520	7922
air pollution 480	varietal reactions 2882, 4333, 5887,	cadmium 477, 2198 control 944-948, 1445, 2864, 2867
control 944-945, 4328, 6731, 7933	6712	3122, 3509, 3971, 4667, 5020
epidemiology 2858	Erwinia carotovora subsp. carotovora	5869, 5872, 5874, 6278, 672
host specificity 2510	bacteriophages 3520	6727, 7924
India 5883	crop density 2216	distribution 1446
isolates 5883	enzymes 1447, 2218	environmental factors 2868
models 944-945, 2858	epidemiology 2216	epidemiology 2858
New York 954 Papua New Guinea 7933	fertilizers 7936 Libya 955	estimation 7930
Pennsylvania 5022	molecular genetics 2218	expert systems 5869
pigments 481	mutants 2218	fatty acids 6725 fertilizers 5875
races 2876	phytoalexins 1447	fitness 3151
resistance 954	selection 957	forecasting 2865, 3506, 5873
rotations 954	strains 3520	fungicide tolerance 475, 947, 3151
São Paulo 6731	tissue culture 957	3508, 4323, 6726, 6728, 7923
spores 953	USA 3520	7928
strains 953	Erwinia chrysanthemi	genetics 2863
susceptibility 2211, 2510 testing 4329	molecular genetics 5024 pathogenicity 5024	Germany 947, 2865-2867, 3506- 3508, 5873
tissue culture 5881	Erysiphe cichoracearum	glucans 7925
toxins 2510	control 2878	growth stages 5876
USA 2858	Washington 2878	host parasite relationships 2198,
USSR Far East 2876	fungi	5871
varietal reactions 2211, 2876-2877,	seed germination 6723	hypersensitivity 7925, 7930
4328, 5022	varietal reactions 6723	immunology 7929
Botryodiplodia theobromae	yields 6723	Indonesia 2195
ascorbic acid 8120	fungicide residues, New Jersey 1732	induced resistance 6725
phenolic compounds 8120 Clavibacter michiganensis subsp.	Fusarium biological control 2209	inoculation 5019 interactions 3497
sepedonicus	control 952	Irish Republic 7923
Canada 5860	estimation 3516	mating types 1150, 7923
detection 956, 2454, 2880, 5889	Europe 3882, 4327	membranes 2198
immunodiagnosis 5890	storage 952, 3516	models 944-945, 1928, 2858, 2868
photoperiod 3521	taxonomy 3882	2869, 4323, 5873
plant growth regulators 3521	toxins 4326	monitoring 3122
seed certification 5860	Fusarium oxysporum	oospores 2866
survival 3522	control 952	phytoalexins 2197 races 5361
temperature 3522 testing 5860	storage 952 Fusarium roseum	reflectance 7929
varietal reactions 4334	detection 3498	resistance 2861, 5870
Colletotrichum coccodes, USSR 3518	storage 3498	selection 7921
diseases	Fusarium solani var. coeruleum	soil amendments 3971
aerial photography 1886	fungicide tolerance 2874	somaclonal variation 721
books 6714	Germany 2874	spraying 948
Canada 5859	somaclonal variation 721	stems 2866, 3507
certification 5858, 5861	UK 2857	survival 6726
control 467, 473, 936, 1442, 2186, 6713-6714	Gibberella acuminata varietal reactions 3517	susceptibility 5875 Switzerland 2865
detection 5859	Yemen Democratic Republic 3517	topping 4324
environmental factors 2185	Gibberella cyanogena, somaclonal vari-	tubers 5876
interactions 5857	ation 721	UK 6726, 6728
irrigation 938	Gibberella pulicaris	USA 2858
legislation 5861	bromoethane 2873	USSR 476, 2860, 3509, 5361, 586
Pakistan 7912	genetics 5882	USSR Far East 2862
reviews 5857	phytoalexins 5882	varietal reactions 477, 2195-2196, 2862, 4322, 5877
sampling 2188	rindite 2873	vegetative compatibility groups
soil solarization 7913 symptoms 937, 6714	storage 2873 virulence 5882	5361
testing 5858	Gliocladium roseum, pathogenicity	yield losses 2864, 2869
UK 473, 1442	5884	Polyscytalum pustulans, UK 2857,
USA 5859, 7913	Glomus fasciculatum, mycorrhizas,	5018
USSR 467	yields 142	potato A potyvirus
disorders, Maine 5891	Glomus mosseae	genetics 3500
Erwinia	mycorrhizas	hypersensitivity 3500 potato leaf roll luteovirus
Bangladesh 2215	bacteria 7150 yields 142	Bangladesh 2191
detection 7935 seed potatoes 5023	hollow heart, genetics 4335	detection 5014
Sweden 7935	magnesium, deficiency 937	elimination 2192
Tunisia 5023	marginal flavescence	genetics 471
Erwinia carotovora	control 5017	heat treatment 2192
detection 3498	mycoplasma-like organisms 5017	immunodiagnosis 3501
fertilizers 4332	mycoplasma-like organisms	mixed infections 5865
genetic transformation 6734	food quality 5868	spread 2191
harvesting date 5886	Minnesota 5868	susceptibility 5865 symptoms 470
storage 3498, 4332, 5886  Erwinia carotovora subsp. atrosentica	ozone nitrogen 7943	varietal reactions 468
Erwinia carotovora subsp. atroseptica bacteriophages 3520	protectants 7943	potato mop top furovirus
environmental factors 2879	varietal reactions 1448	Finland 943
fertilizers 4332, 7936	yield losses 1448	symptoms 943
harvesting date 5886	Phoma exigua var. foveata	varietal reactions 943
inoculation 5888	biological control 2213	potato S carlavirus
latent infections 2879	UK 2857, 5018	antiviral agents 4760

otatoes cont.	Potatoes cont.	Potatoes cont.
potato S carlavirus cont.	Rhizoctonia solani cont.	viruses cont.
concentration 4760	pathogenicity 2871	Pennsylvania 5866
transmission 2193	phenolic compounds 2203, 7931	quarantine 6718
potato spindle tuber viroid	sclerotia 951, 2203	resistance 5012, 5863-5864, 7916
Canada 1444, 5860	soil types 2205	South East Asia 6718
detection 472, 2856, 3220, 3505,	susceptibility 4330 temperature 3511	temperature 5012 transmission 2189, 5008, 5862,
7920 DNA probes 3504, 7920	Turkey 2870	7914
estimation 722	virulence 950, 2205, 3511	USSR 2853, 6720
Germany 2856	yield losses 478, 2204	varietal reactions 2853-2854
inoculum 722	Sclerotinia sclerotiorum, seed treat-	vectors 468, 939, 4316, 6421, 6715
seed certification 5860	ment 6427	Potebniamyces conferarum, Coniferae 1527
susceptibility 722	seedborne fungi, seed germination 474	Pothos, Erwinia carotovora subsp.
testing 5860	Spongospora subterranea	carotovora, Puerto Rico 1930
potato V potyvirus	Germany 3221	PP450, control, Tilletia indica, wheat
genetics 3500	infection 5885	1958
hypersensitivity 3500	quarantine 3221	PP969, control, Oncobasidium the-
potato X potexvirus 5909	storage decay	obromae, cocoa 2572-2573
antiviral agents 2855	bacteria 7941	Prairies, fungi, Iowa 2106
crop growth stage 5867 detection 1443	callose 4321 control 2187, 2859	Prathigada zizyphi, Ziziphus mauritiana 2819
genetic transformation 6716, 7915	environmental factors 6722	Pratylenchus penetrans
genetics 5015, 7918	India 6722	interactions
immunodiagnosis 4318	Japan 7941	Phytophthora erythroseptica,
Pakistan 4318	trace elements 2187	raspberries 6662
resistance 7915	Tropics 2187	Verticillium dahliae, potatoes 3512
symptoms 470	varietal reactions 5856	Pratylenchus teres, interactions,
varietal reactions 2855, 5867	Streptomyces	Lophodermium seditiosum, pines 558
yield losses 5867	population dynamics 2214	Prinsepia utilis, Phyllactinia corylea,
potato Y potyvirus	varietal reactions 2214	Uttar Pradesh 7250
antiviral agents 2855	Streptomyces acidiscabies, hosts 5514	Probenazole, control, Pyricularia oryzae,
breeding 942, 2860	Streptomyces scabies	rice 4886
control 941	calcium 6733	Proceedings (see Conferences)
crop growth stage 5867	hosts 5514	Prochloraz activity
detection 3503	India 482	Rhizoctonia 665, 5295
enzymes 5016 ethylene 3503	soil pH 6733 varietal reactions 482	wheat, diseases 3248
genetic transformation 6716, 7915	Synchytrium endobioticum	control
genetics 3500	control 7934	Alternaria porri, leeks 6922
hypersensitivity 3500	Germany 3221, 5021	barley, diseases 2621
immunodiagnosis 2194, 4319	Maryland 2201	Botrytis cinerea
interactions 3497	pathotypes 5021	pears 1415
mixed infections 5865	quarantine 3221	sunflowers 6701
monoclonal antibodies 2194	races 949	Botrytis elliptica, Lilium 6587
Netherlands 3502	testing 949, 5021	cereals, diseases 2588, 6438
resistance 7915	tobacco etch potyvirus, transmission	Colletotrichum capsici, pawpaws
serology 7919	492	5799
strains 4319, 7919	Verticillium albo-atrum	Colletotrichum musae, bananas 443
susceptibility 5865	Colombia 7932	Erysiphe graminis barley 7516
symptoms 470	resistance 7932	wheat 745
Taiwan 4319 transmission 492, 3502	testing 7932 Verticillium dahliae	Fusarium culmorum, wheat 4034
USSR 2860	biological control 6729	Fusarium oxysporum, Ixia 6585
varietal reactions 941, 2855, 5867	Colombia 7932	Fusarium oxysporum f.sp. radicis-
yield losses 941, 5867	control 3867, 5880	lycopersici, tomatoes 3542
Pseudomonas, Bangladesh 2215	drought 3513	Fusarium solani f.sp. cucurbitae,
Pseudomonas fluorescens	environmental factors 2206	squashes 6849
binding 3519	gas exchange 3514-3515	Gibberella fujikuroi, rice 2664
interactions 3519	Idaho 5880	Glomerella cingulata
Pseudomonas putida, siderophores	integrated control 2207	mangoes 922
5025	mixed infections 6712	pawpaws 5799
Pseudomonas solanacearum	models 2206	Leptosphaeria nodorum, wheat 745,
biological control 2881, 7939-7940	Nematoda 3512	4019, 6464
control 2217	Ohio 2206, 6730	Mycogone perniciosa, mushrooms 4588
enzymes 3732 genetic transformation 6734	pathotypes 6730 photoperiod 2208	Mycosphaerella graminicola, wheat
Karnataka 7942	photosynthesis 3513, 4325	745, 6463-6464
Nematoda 2881	resistance 7932	ornamental plants, diseases 2063
survival 7942	testing 479, 7932	Penicillium expansum, pears 1415
Tamil Nadu 7938	toxins 479	Pleospora betae, sugarbeet 5135
varietal reactions 2881	varietal reactions 2208, 2872, 6712	Pseudocercosporella
weeds 7938	vegetative compatibility groups	herpotrichoides
Rhizoctonia	6730	rye 733-734
biological control 3235	virulence 6730	wheat 733-734, 4027, 6469
isolates 3511	yield losses 2206, 3512, 3515	Puccinia striiformis, wheat 745
temperature 3511	viruses	rape, diseases 6830
virulence 3511	breeding 2852-2853, 5009-5010,	Rhynchosporium secalis, barley
Rhizoctonia solani	6717	7516
biological control 2202, 5878-5879	Bulgaria 6717	Venturia inaequalis, apples 6626
control 2204, 3510	control 468, 2189, 2854, 4316,	Verticillium fungicola, mushrooms 4588
cropping systems 6732 environmental factors 5878	6421, 7914 Costa Rica 5862	wheat, diseases 6445
enzymes 4330	Czechoslovakia 939	fungicide residues
epidemiology 2871	detection 3499, 5013	estuarine water 2468
haulm destruction 951	elimination 469, 2190, 6720-6721	mushrooms 4588
induced resistance 2202	Germany 468, 6421, 6715, 7916	fungicide tolerance
inoculation 2205	immunodiagnosis 940, 4317, 5011,	Pseudocercosporella herpo-
inoculum 2204-2205	6719	trichoides 3984, 6439
integrated control 2870	Israel 2189	Rhynchosporium secalis 6484
isolates 950, 3511	Netherlands 5008, 7914	seed treatment, wheat 286

D.,		
Procymidone activity	Protea cynaroides	Pseudocercospora oxystelmatis, taxonomy
Botrytis cinerea 3761	Botryosphaeria dothidea control 2103	Psaudocarcospana pinaria Pinar Janaura
Sclerotinia sclerotiorum 1822	South Africa 2103	Pseudocercospora piperis, Piper longum 1850
control	Protea grandiceps	Pseudocercospora poranae, Porana panica
Botrytis allii, onions 3035	Botryosphaeria dothidea	lata 2520
Botrytis cinerea	control 2103	Pseudocercospora psophocarpi
grapes 6693	South Africa 2103 Proteaceae	Psophocarpus scandens 3654 Psophocarpus tetragonolobus 3654
strawberries 441, 4261 Sclerotinia sclerotiorum, Phaseolus	Periconiella	Pseudocercospora scabrella, Melothria
vulgaris 6864	Australia 7273	scabrella 7253
determination, water 5283	taxonomy 7273	Pseudocercospora trichoxanthidicola, tax-
fungicide residues, grapes 7849	Stenella	onomy 3881
seed treatment, Ricinus communis	Australia 7273	Pseudocercospora urticacearum, Urtica
7867	taxonomy 7273 Prothiocarb	7237 Pseudocercospora viticis, grapes 928
Propamocarb	activity, Pythium ultimum 4955	Pseudocercosporella anguioides, control,
control  Phytophthora infestans, potatoes	control	Pseudocercosporella herpotrichoides
6724	Phytophthora cinnamomi, Banksia	wheat 767
Pseudoperonospora cubensis, mel-	2086	Pseudocercosporella capsellae, rape 1025
ons 6850	Pythium ultimum, apples 4955 Protomyces, taxonomy 5420	Pseudocercosporella herpotrichoides
fungicide residues, tomatoes 966	Protomyces, taxonomy 5420 Protomyces macrosporus, Coriandrum	bacteria, antagonism 2127 barley 1275, 1972, 3240, 3983
Propiconazole	sativum 7855-7857	cereals 3984, 6275, 6437-6439, 6446
activity barley 7060	Protozoa, hyperparasitism, Glomus	immunodiagnosis 227
groundnuts, fungi 5184	dimorphicum 7145	laboratory tests
Rhizoctonia 5295	Prune dwarf ilarvirus cherries 2800	cyproconazole 3999
wheat 6450	immunodiagnosis 4773	fenpropimorph 1722
control	Prunus armeniaca (see Apricots)	pathotypes 1939 rye 732-734, 3285, 7441
barley, diseases 278	Prunus avium (see Cherries)	triticale 7441
Ceratocystis paradoxa, sugarcane	Prunus bokhariensis, Puccinia pruni-spi-	wheat 286-287, 732-734, 743, 766-767
2221	nosae, Pakistan 7247	1275, 2617, 3240, 3243, 3248,
Cercospora apii, celery 4508	Prunus cerasus (see Cherries)	3254, 3983, 4027-4028, 4795,
Cercosporella rubi, blackberries	Prunus domestica (see Plums)	4822, 5543, 5582, 6444, 6447,
7804	Prunus dulcis (see Almonds)	6469, 7441, 7501
cereals, diseases 2588  Cladosporium allii, leeks 2398	Prunus fukienensis	Pseudocercosporella herpotrichoides var.
Cladosporium allii-cepae, onions	Podosphaera wuyishanensis	acuformis
2398, 3034	Fujian 1855 taxonomy 1855	cereals 3238 wheat 4026
Colletotrichum capsici, pawpaws	Prunus jamasakura, seedborne fungi,	Pseudocercosporella herpotrichoides var.
5799	Japan 3567	herpotrichoides
Erysiphe graminis	Prunus lannesiana var. speciosa, seedborne	cereals 3238
barley 4833, 7516	fungi, Japan 3567	wheat 4026
wheat 6459	Prunus laurocerasus	Pseudocercosporella leonotidis, Leonotis
Gibberella fujikuroi, rice 2664	Xanthomonas campestris pv. pruni	nepatifolia 7287
Glomerella cingulata, pawpaws	control 7721	Pseudocercosporella solanacea, Solanum
5799	environmental factors 7721  Prunus necrotic ringspot ilarvirus	nigrum 7287 Pseudocercosporella tetradeniae,
Hemileia vastatrix, coffee 2681 Leptosphaeria nodorum, wheat 745,	cherries 2740, 2798, 2800	Tetradenia 7279
4019	peaches 2791, 2793, 3437, 7792	Pseudocercosporella trichachnicola,
Monilinia fructicola, cherries 916	roses 866	Trichachne insularis 7744
Mycena citricolor, coffee 6552	Prunus persica (see Nectarines; Peaches)	Pseudocercosporella viticis, Vitex negundo
Mycosphaerella graminicola, wheat	Prunus serotina	7287
745	Chondrostereum purpureum	Pseudomonas
Oidium, peas 6034	biological control 5216, 8336	activity
Oncobasidium theobromae, cocoa	models 8336	Gaeumannomyces graminis var. tritici, wheat 3274
2572	Prunus yedoensis, plant extracts, antiviral properties 3199	tomatoes 5913
Puccinia graminis, wheat 6453, 7461	Pseuderanthemum bicolor, antiviral agents	antagonism
Puccinia recondita, wheat 6453	2382	Agrobacterium tumefaciens 5761
Puccinia striiformis	Pseudocercospora	Fusarium 2349
barley 5594, 6475	China 7261	Fusarium oxysporum f.sp. dianthi
wheat 6453	India 3881	850
Pyrenophora teres, barley 1325,	Taiwan 1836	Glomerella cingulata 2124 soil fungi 204
4833	taxonomy 1216, 1836, 7261 West Bengal 1216	apples 5761
Rhynchosporium secalis, barley	Pseudocercospora alangii, Alangia chinen-	Brassica 5265
6485, 7516  Southering anticology actions 2604, 6826	sis 7261	broccoli 6833
Septoria apiicola, celery 3604, 6836 Sphacelotheca reiliana, maize 5618	Pseudocercospora anisomelicola	carrots 6834
Tilletia indica, wheat 4810	India 1874	cloves 226
wheat, diseases 278, 744, 6445	taxonomy 1874	coffee 4144, 6556
fungicide tolerance, Rhynchosporium	Pseudocercospora argyreiae	control
secalis 6484, 7530	India 1874	Fusarium flax 6431
mode of action 7060	taxonomy 1874  Pseudocercospora bastiana, taxonomy 3881	tomatoes 6431
Propineb	Pseudocercospora cinereae	Gaeumannomyces graminis, cereals
activity, Venturia inaequalis 6624	India 1874	2582
control	taxonomy 1874	Glomerella gossypii, cotton 5685
Alternaria solani, tomatoes 968	Pseudocercospora combretii, Terminalia	Pseudomonas tolaasii, mushrooms
Fulvia fulva, tomatoes 968	bellirica 3180	6915
Mycosphaerella pini, pines 1542	Pseudocercospora gymnosporiae,	Pythium, sugarbeet 2975-2976
Phytophthora, rubber 5026 Pythium ultimum, apples 4955	Gymnosporia spinosa 221	Pythium ultimum, tulips 3352 Rhizoctonia solani, cotton 5685
Propionibacterium, bananas 2148	Pseudocercospora jatrophae, Jatropha cur- cas 2520	DNA fingerprinting 5266
Propionic acid	Pseudocercospora kydiae, Kydia calycina	genetics 2515
control	3180	lettuces 5265
Aspergillus flavus, groundnuts 8225	Pseudocercospora lippiae, Lippia nodiflora	metabolites 2515
Aspergillus niger, groundnuts 8225	2520	onions 4589
Propolis, seed treatment, onions 8300	Pseudocercospora madhuliensis, taxonomy	Phaseolus vulgaris 5156, 6866
Prosopis juliflora, fungi, gums 1846	3881	potatoes 2215

	n 1 1 11 11 111 1	D. I
Pseudomonas cont.	Pseudomonas gladioli pv. alliicola	Pseudomonas syringae cont.
roses 2720	immunodiagnosis 1126	laboratory tests
soil fungi, antagonism 2515	onions 4589	betaine 1694
spinach 5265	Pseudomonas glumae, rice 342, 827, 2670,	copper 1690
taxonomy 5266	7648	cytochalasins 7
vegetables 6821	Pseudomonas marginalis	dodine 5263
water 7025	broccoli 6833	tsibulins 57
wheat 5265	chicory 6934	mangoes 2152
	DNA 1684	molecular genetics 1693, 7022
Pseudomonas aeruginosa	tomatoes 2250	nucleotide sequences 2450
bananas 2148		
control	Pseudomonas marginalis pv. marginalis,	oranges 6209
Corticium rolfsii, barley 787	chicory 6935	peaches 6649
Moniliophthora roreri, cocoa 272	Pseudomonas paucimobilis, lettuces 3030	pears 3426, 3430, 5767
roses 6593	Pseudomonas plantarii, tice 4898	Phaseolus vulgaris 6209
Pseudomonas agarici, Pleurotus 1089	Pseudomonas pseudoalcaligenes subsp.	plasmids 3110
Pseudomonas alcaligenes, soil 5913	konjaci, Amorphophallus konjac	Pseudomonas fluorescens, antagonism
	8326	6822
Pseudomonas amygdali	Pseudomonas putida	rice 4897
almonds 914, 1419	antagonism, plant pathogens 2127	sovabeans 3641
cytokinins 3109	octopine 1668	stone fruits 5768
Pseudomonas andropogonis	potatoes 5025	taxonomy 5266
carnations 5706		
clovers 4932	siderophores 1691	vegetables 6822
Pseudomonas avenae, rice 827, 2033	soil 5913	Pseudomonas syringae pv. aptata, tobacco
Pseudomonas cattleyae	tomatoes 510	2891, 7989
Orchidaceae 865	Pseudomonas solanacearum	Pseudomonas syringae pv. atrofaciens,
Phalaenopsis 2100	aubergines 1640, 3049, 4606-4607,	wheat 4792, 5577
	7419, 8314	Pseudomonas syringae pv. atropurpurea,
Pseudomonas celebense, bananas 4273	bacteriophages 4653	tobacco 4363
Pseudomonas cepacia	bananas 6674, 7829	Pseudomonas syringae pv. coronafaciens,
activity, Penicillium digitatum, oranges		oats 6489
7670	Capsicum 1102	
control	cashews 8084	Pseudomonas syringae pv. daphniphylli,
Alternaria alternata, Vaccinium	control, Pseudomonas solanacearum,	Daphniphyllum teysmannii 5087
2138	potatoes 2881	Pseudomonas syringae pv. garcae, coffee
Alternaria tenuissima, Vaccinium	DNA probes 7018	5684
	enzymes 1689, 7021, 7023	Pseudomonas syringae pv. glycinea,
2138	ethylene production 6208	soyabeans 2372, 3106, 4551, 5177-
Botrytis cinerea, pome fruits 4940	ginger 7853, 7881	5180
maize, diseases 3107	groundnuts 6883, 6895-6896, 8229-	Pseudomonas syringae pv. hibisci,
Penicillium expansum, pome fruits	8241	Abelmoschus moschatus 4911
4940		
Phytophthora capsici, Capsicum	growth 6208	Pseudomonas syringae pv. japonica
3046	laboratory tests	barley 1277
Pythium sylvaticum, peas 3621	ozone 1571	wheat 1277, 4829
Pythium ultimum, peas 3621	plant extracts 6199	Pseudomonas syringae pv. lachrymans,
	streptomycin 3793	cucumbers 591, 3232, 3606, 6837-
sunflowers, diseases 6702	streptomycin sulfate 5264	6838
monoclonal antibodies 1129	lipopolysaccharides 7020	Pseudomonas syringae pv. maculicola, cau-
onions 1637, 6918	molecular genetics 1688, 3731, 7016,	liflowers 3232
Pseudomonas cichorii		Pseudomonas syringae pv. papulans
Barleria cristata 6573	7021, 7023	
cabbages 577	mulberries 4265	apples 4234, 6634
chicory 4597	nucleotide sequences 1689	toxins 5267
coffee 5684	pathogenesis 7015	Pseudomonas syringae pv. persicae,
	pathogenicity 7016, 7021	peaches 6650
lipopolysaccharides 7020	Pennisetum americanum 7014	Pseudomonas syringae pv. phaseolicola
Plectranthus parviflorus 7722	plasmids 7023-7024, 7026	immunodiagnosis 1126
tomatoes 510	polysaccharides 3731, 7015	molecular genetics 3626
Pseudomonas corrugata	Portulaca oleracea 7014	Phaseolus vulgaris 3232, 3622, 6869
clovers 3364, 6606	potatoes 2217, 2881, 3732, 6734, 7938-	Pseudomonas syringae pv. pisi
tomatoes 2912-2913, 6779, 6782		
Pseudomonas fluorescens	7940, 7942	immunodiagnosis 1126
antagonism	races 7018	peas 601-602, 6046, 8188
Pseudomonas syringae 6822	Ricinus communis 7853	tobacco 6760
	soil 7014	Pseudomonas syringae pv. savastanoi
Pseudomonas tolaasii 5196	Solanum 3049	IAA 6198
Thielaviopsis basicola 5910	Solanum khasianum 7853	molecular genetics 3108, 7013
broccoli 6008	tobacco 501, 1463-1464, 2236-2237,	oleander 19, 385, 5512
competition 3078-3079	2887, 5912, 6761, 7987	olives 19, 5512, 6686
control	tomatoes 977, 1481, 2249, 2909, 3551,	Pseudomonas syringae pv. sesami, sesame
Gaeumannomyces graminis var.	5927, 5930-5931, 6762, 6778,	3232
tritici, wheat 3271		Pseudomonas syringae pv. syringae
plant pathogens 7420	7014, 7419, 7991, 8027	
Pseudomonas solanacearum 7940	turmeric 7853	citrus 2040
	virulence 1689, 3731	cucumbers 8177
potatoes 7939	Pseudomonas stutzeri	gene mapping 1692
Pseudomonas tolaasii, mushrooms	control, Fusarium solani 6428	lilac 2707, 4920, 7727
8295	genetic transformation 6428	peaches 432, 7796
ice nucleation 2450	Pseudomonas syringae	pears 3431, 4250
lipids 17	almonds 6209	peas 1054, 3232
nucleotide sequences 2450	barley 4048	Phaseolus lunatus 6870
opines 3078-3079		
pears 3426	Catharanthus roseus 4652	Phaseolus vulgaris 3009, 3627
	cherries 2797	rice 827
potatoes 3519, 7150	citrus 5680	tobacco 5050-5051
soil 5913	coffee 6540-6541, 7676	tomatoes 5933
tomatoes 510	control, Erwinia amylovora, Crataegus	toxins 21, 2225
vegetables 6822	monogyna 3104	weeds 3627
wheat 1314	copper 20	Pseudomonas syringae pv. tabaci,
Pseudomonas fuscovaginae	Coriandrum sativum 1435	soyabeans 5179
rice 827, 2032, 3966, 7647	culture media 7017	Pseudomonas syringae pv. tomato
wheat 775, 4037		
	DNA fingerprinting 5266	Arabidopsis thaliana 3106
Pseudomonas gladioli	frost resistance 1128	Lycopersicon 1480
Gladiolus 5699	genetic engineering 1128	molecular genetics 18, 7019
lipids 1687	ice nucleation 1128, 2450, 5680, 7017,	mutants 18
Pseudomonas gladioli pv. agaricicola,	7022	tomatoes 1480, 2913, 3232, 3550,
mushrooms 3666	Impatiens 2706	5933, 6782, 8028

Pseudomonas syringae pv. tomato cont.	Psidium acutangulum cont.	D
toxins 7019	plant extracts cont.	Puccinia graminis cont. wheat cont.
Pseudomonas tolaasii mushrooms 3667, 5196, 6915, 8295-	antifungal agents 3749, 6261	4799-4802, 4809, 5528, 5531,
8296	Psidium guajava (see Guavas) Psophocarpus scandens, diseases, varietal	5550-5555, 6441-6442, 6453-6454, 7445, 7458-7459, 7461-7462
Pleurotus 1089	reactions 3654	Puccinia helianthi
Pseudomonas fluorescens, antagonism 5196	Psophocarpus tetragonolobus	Helianthus tuberosus 7247
Pseudomonas viridiflava	Cercospora canescens, Nagaland 8285 Colletotrichum truncatum, India 633	Phaseolus vulgaris 1597 sunflowers 459, 5004, 5839
kiwifruits 3471	cucumber mosaic cucumovirus	Puccinia hikawaensis, taxonomy 211
laboratory tests, naphthoquinone 7205  Pseudoperonospora cubensis	characteristics 8255 India 8255	Puccinia hordei, barley 778, 780-781,
cucumbers 584, 691, 2992, 2995, 3606,	diseases, varietal reactions 3654	1318-1319, 1970-1972, 1974, 2623, 4038, 4041, 4789, 4832, 4834, 7519-
3608, 4512, 4517, 5146, 6012-	seedborne fungi	7520
6014, 6021-6022, 6278, 6837, 8162-8163	control 6911	Puccinia horiana, chrysanthemums 857,
Cucurbita 6013	pathogenicity 6911 Pteridium aquilinum	3221, 4178  Puccinia jaceae, Centaurea solstitialis
Cucurbitaceae 8170	Ascochyta pteridis	5218
laboratory tests, quinolines 7059  Luffa acutangula 2343	biological control 3060 UK 3060	Puccinia kuehnii, sugarcane 3525
melons 584, 1588, 3610, 4517, 6850	Phoma aquilina	Puccinia lagenophorae, Senecio vulgaris 651, 1646, 4623
Pseudoperonospora humuli, hops 4299,	biological control 3060	Puccinia leveillei, Canada 3185
4987 Pseudopezicula tetraspora, grapes 2825	UK 3060 Pterocarpus indicus	Puccinia melanocephala, sugarcane 2222,
Pseudopezicula tracheiphila, grapes 2825	Cercospora, Tropics 2920	3525, 5031, 6737-6738, 6740-6741, 7959, 7967
Pseudopeziza medicaginis, lucerne 5728	Cercospora ptericarpiola, Tropics 2920	Puccinia menthae
<b>Pseudopeziza rubiae,</b> Rubia cordifolia 2850	Phyllachora pterocarpi, Tropics 2920	Mentha arvensis 2163
Pseudopeziza tracheiphila, grapes 6691	plant extracts, antiviral properties 3199  Puccinia	Origanum vulgare 6709 Puccinia microspora
Pseudopeziza trifolii, clovers 4927, 7732	cereals 6275, 6438	Imperata cylindrica 2119
Pseudotsuga menziesii Agrobacterium tumefaciens	China 7257 grasses 2109	spores 7155
genetic transformation 2282	isoenzymes 5357	Puccinia mixta, Allium 1631 Puccinia oedospora, Smilax 1861
host parasite relationships 3084	Lauraceae 7265	Puccinia oxalidis, Oxalis corymbosa 2163
Armillaria ostoyae fertilizers 6800	taxonomy 7257 Umbelliferae 7258	Puccinia paullula, Monstera deliciosa
thinning 6800	wheat 742, 1944, 2591, 6444	5712 Puccinia pogonatheri
Fusarium oxysporum	Puccinia aestivalis, Microstegium	Mariscus sieberianus 7238
biological control 5109-5110 flavanols 5110	japonicum 210 <b>Puccinia allii</b>	Pogonatherum paniceum 7238
induced resistance 5110	Allium 1631	Puccinia polysora, maize 6495 Puccinia pruni-spinosae, Prunus
mycorrhizas 5109	leeks 1633, 6107	bokhariensis 7247
roots 5090 temperature 5109	Puccinia anthemidis, Anthemis cotula 697 Puccinia arachidis	Puccinia punctiformis, Cirsium arvense
Hysterangium setchellii	groundnuts 620, 1072, 2374, 3018-	1113, 2428, 4616  Puccinia purpurea, sorghum 1354, 1356,
mycorrhizas	3020, 3643, 3649, 4559-4560,	2007, 2010
forest litter 7114 nutrients 4693, 7114	6075, 6268, 6882-6884, 6888, 8228	Puccinia recondita
Laccaria laccata	Verticillium lecanii, hyperparasitism	cereals 2580, 6446 oats 1332
mycorrhizas	1072	rye 1334, 4846-4847
bacteria 5317 growth 79	Puccinia asparagi, asparagus 2402, 6933 Puccinia bambusicola, bamboos 7695	triticale 2577-2578, 3256, 7471
inoculum 79	Puccinia barbeyi, Asphodelus fistulosus	urediospores 1808 wheat 278, 282, 284, 288-294, 739,
Leptographium wageneri	5228	746-749, 753-756, 1280, 1283,
metabolites 3572 North America 5088	Puccinia calcitrapae var. centaureae, saf- flower 5834	1288-1289, 1656, 1942, 1945, 1949-1955, 2589, 2592-2593,
susceptibility 5088	Puccinia carduorum	2597-2598, 2601-2605, 3244,
taxonomy 3570	Carduus pycnocephalus 3686	3246-3247, 3252-3253, 3255,
mycorrhizas age of trees 4700	Carduus tenuiflorus 3686 Carduus thoermeri 3686	3257-3262, 4007-4008, 4672, 4789, 4795, 4797, 4803-4807,
air pollution 4700	Puccinia caricola, Xinjiang 1839	4809, 5531, 5537-5538, 5541,
ammonia 4697	Puccinia carthami, safflower 6699	5550, 5556-5565, 6441-6443,
growth 4697 Netherlands 4697, 4700	Puccinia chondrillina, Chrondrilla juncea 6135	6447, 6452-6453, 6455-6456, 7044, 7445-7446, 7458, 7460,
Oregon 1159	Puccinia cichorii, chicory 6931-6932	7463-7470, 7473-7475
pH 4697	Puccinia coronata Arrhenatherum elatius 4189	Puccinia rugispora, Zanthoxylum
photosynthesis 4691 plant growth regulators 6303	cereals 2580	dipetalum 7272 Puccinia rutainsulara, Pelea 7272
vegetation types 1159	Gramineae 4189	Puccinia sorghi
water relations 6303	Lolium multiflorum 6603	maize 791-792, 1994, 4854, 6495-6496
Ophiostoma polonicum, susceptibility 5089	Lolium perenne 876, 4192 oats 1330-1332, 2635-2636, 4189,	Phaseolus vulgaris 1597 Puccinia stenotaphricola, Stenotaphrum
ozone, damage 6799	4844, 5604	secundatum 405
Phaeocryptopus gaeumannii	Rhamnus cathartica 4189 Puccinia cremanthodii, Cremanthodium	Puccinia striiformis barley 5594, 6475
British Columbia 1530 leaf fall 5108	discoideum 1857	cereals 2580, 6446
New Zealand 5108	Puccinia dioicae, lettuces 6101	cotton 5569
resistance 1530	Puccinia graminis barley 1975, 5528, 7521	nucleosides 3836 nucleotides 3836
Phellinus weirii British Columbia 3583	cereals 2580	rye 1334
control 8108	enzymes 1287	triticale 2578
spread 3583	nucleosides 3836	urediospores 3836 wheat 284, 288, 295-300, 745, 749,
stand characteristics 3583 seedborne fungi, control 4440	nucleotides 3836 oats 1332, 5605	757-758, 1283, 1942, 1956-1957,
Pseudotsuga menziesii var. glauca	rye 1334, 3285	2593, 3244, 3246, 3263, 4009-
Armillaria ostoyae	triticale 2577-2578	4010, 4795, 4809, 5531, 5545, 5566-5568, 6441-6442, 6447,
growth 4465 Montana 4465	urediospores 1808, 3836 wheat 284, 739, 746-752, 1280, 1284-	6452-6453, 6457, 7476-7478
Psidium acutangulum	1286, 1928, 1942, 1945, 1947-	Puccinia suaveolens, Cirsium arvense 648
plant extracts antibacterial agents 3749	1948, 2593, 2597-2600, 3244, 3252-3253, 3255, 4004-4006,	Puccinia substriata var. indica, Pen- nisetum americanum 5633
antibation at agoing J/T/		

Puccinia substriata var. penicillariae, Pen-	Pyrenophora teres	Pythium cont.
nisetum americanum 811, 7581-7582	barley 278, 1322-1325, 1972, 1979- 1980, 2622, 2631-2632, 3281,	maize 5608 oats 4054
Puccinia ursiniae, Ursinia anthemoides 3066	4038, 4041, 4046, 4832-4833,	Olpidiopsis gracilis, hyperparasitism
Puccinia verruca, safflower 5834	5593, 5595, 5599-5602, 6474,	1195
Pucciniastrum americanum, raspberries	6483, 7435, 7517, 7526-7528	ornamental plants 364, 4172
6657, 6659	cereals 6275, 7439 in vitro culture 3841	Pennisetum americanum 2653 Phaseolus vulgaris 8192
Pueraria phaseoloides Aristastoma camarographioides	laboratory tests	Picea glauca 4466
Papua New Guinea 7289	fenpropimorph 1722	potatoes 6722
taxonomy 7289	plant extracts 6261	proteins 4751
Fusicoccum, Malaysia 5027	sporulation 3841, 7174	rice 7618
Gigaspora margarita, mycorrhizas 167	sterols 6337 Pyrenophora tritici-repentis	roots 224 soil 1077, 2519, 4379, 5913, 7214
Puerto Rico coffee, Aspergillus fumigatus 6555	cereals 6275, 7439	soyabeans 611
crops, Erwinia carotovora subsp.	Limonomyces roseipellis, antagonism	sugarbeet 2324, 2975-2976
carotovora 1930	3270	taxonomy 4751, 7256
sugarcane, Leptosphaeria sacchari	wheat 278, 285, 764, 1313, 1656, 2615- 2616, 3247, 3269-3270, 4000,	tobacco 6746
7964 Pumpkins	4023, 5540, 5542, 5546	tomatoes 4379, 5913 tulips 2694
Fusarium equiseti, Arkansas 6028	Pyricularia grisea (see Magnaporthe	water 3899
pathogenesis-related proteins, biosyn-	grisea)	Pythium acanthophoron
thesis 578	Pyricularia oryzae (see also Magnaporthe	hyperparasitism
Sphaerotheca fuliginea, control 1041	grisea) Chaetomium globosum, antagonism	Fusarium solani 461
zucchini yellow mosaic potyvirus, seeds	3303	Pythium myriotylum 461 taxonomy 461
1038 PVAC latex paint	control 7192	Pythium aphanidermatum
control	enzymes 7192	Abelmoschus esculentus 5212
fruit trees, diseases 2738	laboratory tests	Agrostis stolonifera var. palustris 397
ornamental woody plants, diseases	phosphazomycins 56 plant extracts 6262	aubergines 644
2738	tricyclazole 5294	Catharanthus roseus 1269 China 7241
Pycnoporus sanguineus Albizia lebbek 1569	protoplasts 3160	cucumbers 3614, 6844, 6848
mangoes 1569	rice 332-334, 336-338, 813, 819-821,	fungicide tolerance 1148, 5303
Terminalia arjuna 1569	1151, 1361, 1365-1366, 1368, 2019, 2023-2025, 2031, 2655,	ginger 2178, 7881, 7891
Pycnostysanus azaleae, Rhododendron	2659-2662, 3301, 3303-3304,	laboratory tests, phosphorothioates
5715	4090-4101, 4868-4869, 4880-4887,	4674 pines 3577-3578
Pyracantha Erwinia amylovora	5649-5654, 6279, 6518, 6521-	soil 694, 3179, 4379
breeding 2696, 3344-3345, 4185	6522, 6524-6526, 6971, 7586, 7588, 7600-7601, 7605-7611	sunflowers 7064
Mexico 3381	scytalone 5359	tobacco 497, 7986
mineral nutrition 3346	sporulation 3837	tomatoes 504, 974, 4379, 4785
Netherlands 2696, 2777	Trichoderma harzianum, antagonism	turmeric 7887 watermelons 4509
nitrogen 2717	3303	zoospores 1198
susceptibility 2717 Spilocaea pyracanthae, breeding 3345,	Xanthomonas campestris, antagonism 7030	Pythium aquatile
4185	Pyricularia penniseti, Pennisetum ameri-	oospores 7164
Pyracarbolid	canum 2013, 7576	zoospores 7164
control, Exobasidium vexans, tea 3528	Pyriculariopsis amomi, taxonomy 6371	Pythium arrhenomanes, wheat 7510
phytotoxicity, maize 5624	Pyridazines, antifungal properties 45	Pythium butleri tobacco 4354
soil treatment 5624 Pyrazophos	Pyrifenox activity, Nectria haematococca var.	tomatoes 207
control, Microsphaera alphitoides,	cucurbitae 6283	Pythium carolinianum, pines 557
Quercus 8071	control, black currants, diseases 4258	Pythium catenulatum
nontarget effects, predatory mites 4936	fungicide tolerance, Venturia inae-	China 7241 soil 4379
Pyrenobotrys compacta, Vaccinium 6655	qualis 6625 Pyroquilon, activity, Sclerotinia 1727	tomatoes 4379
Pyrenochaeta, Capsicum 5209 Pyrenochaeta indica, maize 1993	Pyrrolnitrin	Pythium coloratum, onions 6109
Pyrenochaeta lycopersici	control	Pythium conidiophorum, soil 7214
Capsicum 4600	Botrytis cinerea, pome fruits 4940	Pythium debaryanum
soil 976, 2517	Penicillium expansum, pome fruits	Capsicum 2409 soil 6353
tomatoes 975-976, 2248, 3964, 4381	4940 storage decay, strawberries 440	tomatoes 5922
Pyrenochaeta oryzae, rice 822	Pyrus, Erwinia amylovora, Netherlands	watermelons 4509
Pyrenochaeta terrestris enzymes 4736	2777	Pythium deliense, Hibiscus cannabinus
onions 3037, 4591	Pyrus communis (see Pears)	2061
rice 5648	Pyrus pyrifolia, storage decay, control 7787	Pythium dissimile, soil 7214 Pythium dissotocum
Pyrenopeziza brassicae	Pythium	oospores 7164
Brussels sprouts 4484	Anthurium 2073	zoospores 7164
cabbages 4484 rape 575, 1025, 6831	biological control 6168	Pythium graminicola, Zoysia matrella
Pyrenophora, cereals 7439	Capsicum 5209	7251
Pyrenophora avenae, oats 4844	carrots 4484 China 7256	Pythium irregulare Arctium lappa 2521
Pyrenophora bromi, cereals 7439	Cicer arietinum 1082	China 7241
Pyrenophora chaetomioides, cereals 7439	Colocasia esculenta 1643, 2425	clovers 1398
Pyrenophora dictyoides cereals 7439	Coniferae 550, 1001	lucerne 3367, 5733
grasses 4190	cotton 835	onions 2521, 6109
Pyrenophora erythrospila, CMI descrip-	cucumbers 2997 DNA 182	Pythium iwayamai, growth, pH 1803
tions 5416	Euphorbia 2702	Pythium myriotylum
Pyrenophora graminea	faba beans 6853, 6873	Amaranthus hybridus 365
barley 783-784, 4832, 7529	ginger 5845, 7886	Colocasia esculenta 3057
cereals 7439 laboratory tests	groundnuts 1077, 8222	ginger 461, 7881
benzothiazolines 39	hyperparasitism 3901 isoenzymes 4751	groundnuts 621, 1076, 1656 maize 1993, 3834
thicyofen 6271	Jasminum 4184	Pythium acanthophoron, hyperparasit-
Pyrenophora lolii	laboratory tests	ism 461
grasses 4190	fungicides 3746	Zantedeschia elliottiana 207
Lolium perenne 4190	thicyofen 6271	Pythium nunn, hyperparasitism 3901

ythium oligandrum	Quarantine cont.	Quercus serrata, Pisolithus tinctorius,
antagonism	Thailand 6295	mycorrhizas, growth 2487
Fusarium solani f.sp. pisi 8182	trees 8036	Quercus suber
Mycosphaerella pinodes 8182 Phoma exigua var. foveata 2213	Tropics, reviews 6293 viroids 7323	Amanita citrina, mycorrhizas, Moroc
Phoma medicaginis var. pinodella	viruses 7323	Cenococcum graniforme, mycorrhizas
8182	wheat 7443	Morocco 1165
China 7241	Quercus	Tuber albidum
control	Armillaria mellea, USA 985	mycorrhizas
plant pathogens 7409	Ceratocystis fagacearum	growth 73
sugarbeet, damping off 2325 hyperparasitism 3901	Texas 5073 vectors 5073	synthesis 73
mushrooms 1630	decline	Quercus virginiana, mycorrhizas, Texas 6299
peas 2357	drought 987	Quinces
soil 4379	environmental factors 985	Botrytis cinerea, Japan 4959
tomatoes 4379	USA 985, 987	Monilinia
ythium paddicum, growth, pH 1803	diseases	insects 2130
Pythium paroecandrum, China 7241 Pythium periplocum	California 2265-2266	Yugoslavia 2130
China 7241	environmental factors 2266  Microsphaera alphitoides, control 8071	Roesleria hypogaea culture 7789
pines 557	Perenniporia, culture 8072	Hungary 7789
ythium perplexum, China 7241	Tubakia dryina	Quinolines, antifungal properties 7059
ythium pleroticum, ginger 7882	symptoms 8041	Quintozene
ythium rostratum, soil 7214	USA 8041	activity
ythium salpingophorum, China 7241	Quercus acutissima	lentils, nitrogen fixation 6908
ythium spinosum	mycorrhizas	Rhizoctonia 665
cucumbers 6848 soil 7214	Korea Republic 4687	control
ythium splendens	rooting 4687  Quercus affinis, Ascodichaena mexicana,	Cochliobolus nodulosus, Eleusine coracana 4867
heterothallism 3853	Mexico 4416	Corticium rolfsii
mating types 3853	Quercus alba, acid rain, nitrogen 6787	groundnuts 8224
Pelargonium 2712-2713	Quercus canbyi, Ascodichaena mexicana,	Iris 6569
ythium sylvaticum	Mexico 4416	Lilium 6569
peas 3621	Quercus cerris	groundnuts, diseases 1617
soil 7214	Boletus edulis, mycorrhizas, inocula-	Macrophomina phaseolina
Pythium torulosum soil 7214	tion 6309	cowpeas 8246
watermelons 2350	Botryosphaeria stevensii, colonization 3560	Phaseolus vulgaris 6050
ythium ultimum	decline	Plasmodiophora brassicae, Chines cabbages 6000
apples 4955, 7781	environmental factors 3559	Pythium, groundnuts 1077
Calluna 2063	Italy 3559	Rhizoctonia solani
carrots 5142, 6009	Phomopsis quercina, colonization 3560	groundnuts 1077
China 7241	viruses, Czechoslovakia 2923	potatoes 5879
cotton 2051, 2053, 4904	Quercus chihuahuensis	Sclerotinia trifoliorum, clovers 88
cucumbers 6026, 8167	Polyporus tenuiparies	Tilletia laevis, wheat 4011
Erica 2063 flax 2060	Mexico 3878 taxonomy 3878	fungicide residues, water 1153 seed treatment
Juniperus 2063	Quercus coccinea	Cicer arietinum 2385
laboratory tests, plant extracts 1725,	Cryphonectria parasitica	lentils 6908
6261, 8186	insects 2927	peas 600
lucerne 3367	Kentucky 2927	Psophocarpus tetragonolobus 691
molecular genetics 184	Quercus costaricensis, Acaulospora	soyabeans 3012
peas 3621	splendida, mycorrhizas, Costa Rica	soil treatment 8246
Pelargonium 7718, 7720	3138	R-10044, activity, Mycosphaerella cary-
Pelargonium hortorum 3343 sesame 3171	Quercus cupreata, Ascodichaena mexicana, Mexico 4416	igena 3562 <b>R-27180</b> , control, Macrophomina phase-
soil 3176, 3179, 4207, 4379, 4741,	Quercus ellipsoidalis	olina, Phaseolus vulgaris 6050
6009, 7214	Ceratocystis fagacearum	Radiation, activity, Rhizoctonia solani
soyabeans 1607	Michigan 5943	1210
strawberries 4263	models 5943	Radicula sylvestris, tobacco mosaic
tomatoes 4379	spread 5943	tobamovirus, serology 1250
tulips 3352	Quercus glauca, Cercospora macrochaeta, Uttar Pradesh 7250	Radishes
Pythium vexans China 7241	Quercus gracilipes, Tuber aestivum,	Albugo candida control 3596
peas 6035	mycorrhizas, soil pH 6302	environmental factors 3596
ythium violae, carrots 5142	Quercus mexicana, Ascodichaena mexi-	USA 3596
uarantine	cana, Mexico 4416	Alternaria brassicae, control 1029
Asia 6718, 7090	Quercus palustris	beet leafhopper-transmitted virescence
Australia 6296, 7085-7086, 8036	mycorrhizas, Illinois 2485	agent, Washington 5981
bacteria 6999	Xylella fastidiosa, Kentucky 8073	boron, toxicity 8156
books 5312, 6996-6997, 7087	Quercus petraea, decline, Germany 4415 Quercus pubescens, Tuber aestivum,	cucumber mosaic cucumovirus, Japan 5963
Caribbean 1735 cassava 8319	mycorrhizas, soil pH 6302	damping off
Erwinia amylovora 7766	Quercus robur	Mexico 3179
Australia 4209	Ceratocystis fagacearum	soil 3179
Switzerland 2455	control 1513	Erwinia carotovora subsp. carotovora
fungi 7088	Poland 1513	control 3600
grapes 7839	decline, Ukrainian SSR 986	inoculation 3600
Gremmeniella abietina, New York 223	fungi	Fusarium oxysporum f.sp. dianthi,
India 1154, 1736, 3131, 4057, 7089 reviews 6294	endophytes 1498 host specificity 1498	antagonists 5967 Fusarium oxysporum f.sp. raphani
Microcyclus ulei 7948	mycorrhizas, inoculation 1168	fertilizers 8145
mycoplasma-like organisms 7323	Quercus rubra	soil fungistasis 8145
nepovirus group 7322	Boletus edulis, mycorrhizas, inocula-	Peronospora parasitica
New Zealand 6785, 8036	tion 6309	detection 2332
Oceania 7090	Cryphonectria parasitica, survival 8060	haustoria 8152
potato spindle tuber viroid 7360	mycorrhizas, Illinois 2485	infection 4502
reports 4683	Tubakia dryina, Italy 3561	morphology 4502 plant extracts 6001
reviews 6291 seedborne bacteria 7089	Xylella fastidiosa immunodiagnosis 2924	resistance 6001
seedborne organisms 6297	Kentucky 8073	seeds 2332, 8151
	•	

Radishes cont.	Rape cont.	Records cont.
Peronospora parasitica cont.	Pyrenopeziza brassicae	geography cont.
varietal reactions 2332, 4502, 8152 plant extracts, antifungal agents 6001	growth retardants 575 pathogenicity 6831	Lophodermium conigenum, China 1551
Rhizoctonia solani, control 6820	Rhizoctonia solani, control 5984	Melampsora apocyni, Japan 697
seedborne fungi, biochemistry 8149	Sclerotinia sclerotiorum	Microdochium tabacinum, India
Streptomyces	Georgia 4500	6680
Indian Punjab 1028	Ontario 5987	Microsphaera syringae, China 361
symptoms 1028 Streptomyces acidiscabies, pathogenic-	population genetics 5987 seed treatment 6427	Microsphaera vanbruntiana var. sambuci-racemosae, Germany
ity 5514	Raphanus sativus (see Radishes)	4427
Streptomyces scabies, pathogenicity	Raspberries	Mycosphaerella fijiensis
5514	Botrytis cinerea	Bhutan 1423
turnip mosaic potyvirus, Japan 5963	environmental factors 2143 storage 2143	Tanzania 2147 Nectria radicicola, Chile 8086
Radopholus similis, interactions, Fusarium oxysporum f.sp. cubense, bananas	Didymella applanata	peanut stripe potyvirus, Myanmar
4271	host parasite relationships 4971	4555
Raficillin, activity, Aspergillus niger 3791	polyamines 4971	Phoma medicaginis, India 2334
Rain forests	diseases antagonists 5510	Phytophthora botryosa, China 1843
Ganoderma australe Chile 6378	breeding 6657	Phytophthora cryptogea, Sweden 3223
fatty acids 6378	Canada 6657	Phytophthora meadii, China 1843
taxonomy 6378	Phytophthora	Phytophthora vignae, Sri Lanka
Ramularia	control 2802	3650
buckwheat 4080	Switzerland 2802 Phytophthora cinnamomi, biological	Pseudomonas syringae pv.
taxonomy 7291  Ramularia beticola, sugarbeet 2326	control 5510	coronafaciens, São Paulo 6489 Pseudomonas syringae pv. syringae,
Ramularia carthami, safflower 7869	Phytophthora erythroseptica	Venezuela 6870
Ramularia collo-cygni, IMI descriptions	flooding 6660	Puccinia hennopsiana, India 7238
7254	Nematoda 6662 symptoms 6660	Puccinia microspora, India 2119
Ramularia gossypii, cotton 3318	Phytophthora megasperma, Norway	Pythium perplexum, China 7241
Ramularia tulasnei, strawberries 7814 Ramulispora sorghi, sorghum 7571	6661	Ravenelia sessilis, Thailand 205 Rhizosphaera kalkhoffii, Chile
Ramulispora sorghicola, sorghum 2007	Pucciniastrum americanum, varietal	8086
Ranunculus	reactions 6659	Sclerophoma semenospora, Chile
fungi, nomenclature 5410	veinbanding mosaic aetiology 7807	8086
mycoplasma-like organisms, DNA probes 2556	viruses 7807	Sistotrema alboluteum, Germany 3181
phyllody	Verticillium albo-atrum, screening	Sphacelotheca fagopyri, China
Italy 867	6658	7260
mycoplasma-like organisms 867	Raspberry bushy dwarf virus, nucleotide sequences 7367	Sphaerophragmium luzonicum,
virescence	Raspberry leaf mottle virus, raspberries	Thailand 205
Italy 867 mycoplasma-like organisms 867	7807	Sphaerotheca mors-uvae, Heilongji- ang 361
Ranunculus asiaticus	Raspberry leafspot virus, raspberries 7807	Sporisorium arthraxonis, China
tomato spotted wilt virus, Italy 3234	Raspberry ringspot nepovirus, grapes 5808	7260
viruses	Rauvolfia serpentina cucumber mosaic cucumovirus, India	Trachyspora intrusa, China 1218
California 392	4988	Tritirachium oryzae, India 2334
characteristics 392 Rape	plant extracts, antiviral agents 6416	Ustilago succisae, Germany 3182 Venturia populina, India 989
Albugo candida	Ravenelia emblicae, Phyllanthus emblica	Xanthomonas campestris pv.
environmental factors 5983	2179-2180  Ravenelia evansii, spores 7155	incanae, Iran 1388
host parasite relationships 5983	Ravenelia sessilis, Albizia 205	Xanthomonas campestris pv.
Alternaria growth retardants 575	Reclaimed land, mycorrhizas, Singapore	mangiferaeindicae, Japan 7834
host parasite relationships 7408	7144	Zignoella fallax, India 1217 zucchini yellow mosaic potyvirus,
infection 7408	Records geography	Mexico 6016
Alternaria brassicae	Alternaria gomphrenae, USA 5710	hosts
biochemistry 1578	Alternaria passiflorae, USA 4279	Acremonium typhinum, Ammophila
control 2331, 6268 environmental factors 573	Arthrinium sacchari, China 2223	breviligulata 4194 Alternaria alternata
estimation 5986	Arthrinium saccharicola, China 2223	Borago officinalis 7895
glucosinolates 8150	beet pseudo-yellows virus, UK 1626	Eichhornia crassipes 4624
growth 573	Ceriporiopsis resinascens, Germany	Alternaria cassiae, Bauhinia
host parasite relationships 8150 sporulation 573	3181	purpurea 3226 Alternaria infectoria, Parthenium
varietal reactions 1578	Cochliobolus lunatus var. aeria, Argentina 7498	argentatum 6707
yield losses 2331	Curtobacterium flaccumfaciens pv.	Beltrania rhombica, sesame 4305
Alternaria brassicicola	poinsettiae, Venezuela 6579	Bipolaris urochloae, Pennisetum
selection 4498 toxins 4498	Curvularia andropogonis, Philip-	americanum 812
diseases	pines 462 Daedaleopsis purpurea, Korea	Botryodiplodia theobromae, Cupressus sempervirens 5120
Austria 2557	Republic 4747, 6366	Cercospora apii, coconuts 1439
control 4495, 6830	Dichomitus squalens, Germany	Cochliobolus carbonum, Euphorbia
integrated control 2977	3181	geniculata 2429
UK 6830 varietal reactions 1025	Erwinia nigrifluens, Iran 1438	Colletotrichum crassipes, Leucaena leucocephala 6796
fungi, corolla 1598	Eutypella cerviculata, India 1217 Fusarium scirpi, India 6680	Colletotrichum dematium,
Leptosphaeria maculans	Hapalophragmium derridis, Thai-	Euphorbia khandalensis 7711
assessment 1577	land 205	cucumber mosaic cucumovirus,
biochemistry 5994 DNA 4503	Inonotus nodulosus, Korea Repub- lic 4747, 6366	Mentha spicata 4302 Curvularia andropogonis, Cymbo-
Kentucky 1031	Kernkampella emblicae, Thailand	pogon nardus 462
pathogenicity 4503	205	Erysiphe graminis, Bromus cathar-
polymorphism 4503	leek yellow stripe potyvirus, Austra-	ticus 879
strains 5994 varietal reactions 1031	lia 6106	Fusarium pallidoroseum, Vigna mungo 6094
mycorrhizas, growth 136	Leptosphaeria coniothyrium, West Bengal 1849	Glomerella cingulata
Plasmodiophora brassicae, estimation	Lophodermium australe, China	Amomum subulatum 931
8140	1551	Leucaena leucocephala 6796

Records cont.	Reports cont.	Reviews cont.
hosts cont.	International Center for Agricultural	cereals
lettuce necrotic yellows rhabdovirus,	Research in the Dry cont.	diseases, cropping systems 7426
garlic 2395	International Center for Agricultural	downy mildews, control 7438
Macrophomina phaseolina, Uraria picta 460	Research in the Dry Areas, Genetic Resources Unit 656	Fusarium 3989
Microsphaera caraganae, Caragana	Irish Republic	Gaeumannomyces graminis, biolog
sinica 361	An Foras Talúntais 3687	cal control 2582
Microsphaera syringae, Syringa	Teagasc 3688	chestnuts, Cryphonectria parasitica 8049
reticulata 361	Israel, Institute of Plant Protection	citrus
mycoplasma-like organisms, Narcis-	6147	diseases 719
sus 2709	Netherlands	postharvest decay 2671
Phellinus noxius, Populus deltoides	Laboratory for Flower Bulb	replant disease 2680
2929	Research 2693-2694	viroids 7659
Phyllosticta euphorbiae-khandalen-	Plant Protection Service 6148	cocoa, Oncobasidium theobromae,
sis, Euphorbia khandalensis	Research Station for Flower Grow-	Sabah 2570
7711	ing 2431	coconuts, coconut cadang-cadang viro
Phytophthora boehmeriae, Brous-	Nigeria, Cocoa Research Institute of	5006
sonetia papyrifera 1843	Nigeria 1	coffee
Phytophthora botryosa, Colocasia esculenta 1843	Pakistan, Soilborne Diseases Research	Hemileia vastatrix 2043-2044, 20
Phytophthora citrophthora, Euony-	Centre 1655 Sri Lanka	biological control 2047 breeding 2049
mus japonicus 1843	Rubber Research Institute 7944	control 2045-2046
Phytophthora cryptogea, wheat	Tea Research Institute 7944	Colocasia esculenta, diseases 1643,
3223	Taiwan	2425
Phytophthora meadii, Euonymus	Sugar Research Institute 3525	cotton
japonicus 1843	Taichung District Agricultural	cotton leaf curl virus, Sudan 4159
Phytophthora nicotianae, Cedrus	Improvement Station 2433	diseases 4158
deodara 1843	UK	crops
Phytophthora palmivora, Euony-	Sugarbeet Research and Education	diseases 3952
mus japonicus 1843	Committee 2321	breeding 5502
Puccinia hikawaensis, Sasamorpha	Working Party on Pesticide Resi-	Germany 5502
borealis 211	dues 5305	resistance 5502
Pyrenochaeta indica, maize 1993	USA	yield losses 3950, 5501
Sclerotinia sclerotiorum, Lathyrus	Boyce Thompson Institute for Plant	Fusarium 3224 mycorrhizas 3228, 7134
sativus 5737	Research 2434	viroids, translocation 1238
Scopulariopsis brevicaulis, Cicer arietinum 634	USDA Forest Service 5934-5935	viruses
Sphaerotheca mors-uvae, Ribes	USSR, Commission on Plant Pathology	pathogenesis-related proteins
mazimowiczianum 361	of the Mycological Section of the	1237
Sphaerotheca rosae, Rosa mul-	All-Union Botanical Society 6956	physiopathology 1236
tiflora 361	Resinicium bicolor, Rubus parviflorus 6137	tissue culture 1245
tomato aspermy cucumovirus,	Réunion	translocation 1238
Mentha spicata 4302	maize, viruses 5609	yield losses 1235
tomato spotted wilt virus, Mentha	tomatoes, Pseudomonas solanacearum	detection, viruses 6379
piperita 5825	5930	disease resistance, mutations 1932
Trichoderma pseudokoningii,	Reviews 2564, 3125	downy mildews 7407
groundnuts 4563	Agrobacterium, genetic transformation	Eutypa lata 1125
Valsa friesii, Larix gmelinii 1865	6391	Festuca arundinacea, Acremonium co
Xanthomonas campestris, Alnus	Agrobacterium tumefaciens 5257	nophialum 399
subcordata 1525	chemotaxis 5258	fijivirus group, molecular genetics 731
Red clover mottle comovirus	air pollution	forest trees
molecular genetics 4768	damage 4640	diseases, Ontario 520-523 mycorrhizas 3795, 7107
proteins 4768	plant pathogens 6970	forests
Red clover necrotic mosaic dianthovirus	Alternaria alternata, toxins 7188	Armillaria 8096
clovers 4927	antibiotics, usage 7079	decline 1490
molecular genetics 7358	Aphidoidea, transmission, viruses 3905,	diseases 4387
nucleotide sequences 3947	5245	mycorrhizas 4701
Red clover vein mosaic carlavirus, lucerne	apples, Venturia inaequalis 6627	ecology 4699
409 Red currants	bacteria	fruit
diseases	control 7001 diagnosis 6999	postharvest decay, biological contr
USSR Far East 4969	nomenclature 3717	892
varietal reactions 4969	pathogenesis 3718	storage decay, biological control
Reports (see also Conferences)	quarantine 6999	5503
Belgium, Westvlaamse Proeftuin voor	bananas, Fusarium oxysporum f.sp.	fungi diagnosis 7088
Industriele Groenten 1653	cubense 3460-3461	electron microscopy 6384
Canada, Prairie Farm Rehabilitation	barley	genetic analysis 4720
4626	diseases 7517	genetic transformation 4719
Colombia, Centro de Investigacion de	Erysiphe graminis, resistance 4841	interactions 4721
la Cana de Azucar de Colombia	Pseudocercosporella herpo-	preservation 7296
1114	trichoides, control 1275	protoplasts 7306
Denmark	Rhynchosporium secalis 7531	quarantine 7088
State Seed Testing Station 2432	biological control 1119	fungicide tolerance 34
Statens Planteavlsførsog 4625	diseases 1664, 1708, 3699-3701,	molecular biology 6258
Food and Agriculture Organization	4632-4633, 5236-5237, 6982,	fungicides
4683	7216	application 42
German Federal Republic, Federal Bio-	protoplast fusion 7303	copper 3123
logical Institute 1654  Guam Agricultural Experiment Station	soil fungi 2515 techniques 6390	mode of action 1144, 7035
Guam, Agricultural Experiment Station 4628	weeds 649, 1572, 3700, 4618, 4632,	stereochemistry 6254
India	5220-5225, 5229, 5237, 8335	Fusarium, genetics 3161 Glomus, culture 5352
International Crops Research Insti-	biological control agents	Gramineae, Helminthosporium 6429
tute for the Semi-Arid Tropics	characteristics 6983	grapes
4627	development 6984, 7223	diseases 719, 7839
National Research Centre for	production 6981	viruses 923
Spices 1115-1116	Brassica campestris, diseases 4493-	grasses
International Center for Agricultural	4494	barley yellow dwarf luteovirus 571
Research in the Dry Areas,	cassava, diseases 8319	endophytes, isolation 6393
Genetic Resources Program 655	Cassia, diseases 7761	groundnuts, diseases 4552

Reviews cont.	Reviews cont.	Reviews cont.
host parasite relationships 6176, 6978,	plant pathology cont.	viruses cont.
6980	immunological techniques 5247	structure 4765
genetics 6966	statistics 7301	taxonomy 708
molecular genetics 4641	plant protection	transmission 1241-1242
phenolic compounds 4635	biotechnology 3706	Aphidoidea 7342
plasma membranes 3075	chemistry 27	fungi 7333
tissue culture 5240	Netherlands 6989	variation 1239
Indian mustard, diseases 4493-4494	plants	vectors 3617, 3909
jute, diseases 4166	defence mechanisms 1663	weeds, biological control 3061, 3063,
Lactuca serriola, Bremia lactucae 8289	diseases	6941
Leguminosae, diseases 4518	in vitro selection 7299-7300	wheat
linseed, diseases, control 4163	induced resistance 7402	diseases 7443
lupins, viruses 6614	toxins 7401	Fusarium 3990
maize, Fusarium 3990, 4058	endophytes 1665	Leptosphaeria nodorum, breeding
mycoplasma-like organisms	tumours 4638	4018
detection 6379	viruses, genetic transformation 1893	Mycosphaerella graminicola, breed
diagnosis 6420, 7323	pome fruits, Erwinia amylovora 7766	ing 4018
quarantine 7323	potato spindle tuber viroid 7360	Pseudocercosporella herpo-
vectors 3617	potatoes	trichoides, control 767, 1275
	diseases 5857	Puccinia graminis, resistance 4801
mycorrhizal fungi	Fusarium 4327	wild plants, Phytophthora cinnamomi
air pollution 7109-7110		8067
carbon pathways 7111	potyvirus group, taxonomy 7335	
culture 6332, 7108	quarantine 6291	Reynoutria japonica, plant extracts,
isolation 6332	India 6294	antifungal agents 1828
paleontology 1782	Tropics 6293	Reynoutria sachalinensis
research 7137	rice	activity, benomyl 3121
taxonomy 127	anther culture 7585	plant extracts, antifungal agents 3958
mycorrhizas 1169, 1775, 3132	diseases	RH-2161
acid rain 7093	breeding 7587	activity, Alternaria tenuissima, ground
air pollution 7093	control 7602	nuts 618
distribution 4713	Rhizoctonia solani 7628	control, Glomerella cingulata, Corian-
evolution 4686	Sarocladium oryzae, control 7627	drum sativum 2165
interactions 4712	viruses 330	RH-3486, control, Monilinia oxycocci,
morphology 4686	rubber	Vaccinium 2141, 4968
regulation 3812	Microcyclus ulei 7948	RH-7592
research, Hungary 7116	breeding 6735	control
	Sclerotinia sclerotiorum 5	Microcyclus ulei, rubber 6736
nepovirus group 7322		Monilinia oxycocci, Vaccinium
oilseed plants, diseases 3961	seedborne fungi, detection 6389	2141, 4968
Oomycetes, monoclonal antibodies 7297	Senecio vulgaris, Erysiphe	
ornamental plants	cichoracearum var. fischeri 8334	Rhamnus cathartica, Puccinia coronata,
diseases	soil	Czechoslovakia 4189
control 4169	fungi	Rhaphiolepis, oedema, environmental fac-
Italy 4169	biological control 6357	tors 2721
viruses 6565	exudates 3172	Rheum coreanum, plant extracts, antifun-
pathogenesis-related proteins 4639	host parasite relationships 3172	gal agents 1828
Pennisetum americanum, diseases 7581	spread 3876	Rhinocladiella, Acacia mangium 1500
pesticides	fungicide residues 3789	Rhizanthella gardneri, Rhizoctonia,
adjuvants 31	mulching 3866	mycorrhizas, Australia 5324
controlled release 6248	mycorrhizal fungi 7094	Rhizanthella slateri, Rhizoctonia, mycor-
disease resistance 3114	plant pathogens 7215	rhizas, Australia 5324
solubility 4663	viruses 1234	Rhizina undulata
surfactants 32	stone fruits	Coniferae 8085
phosphonates, antifungal properties	diseases 719	pines 5096
5293	viruses 907	Rhizobacter daucus, carrots 5143
	sunflowers	Rhizobium
phytoalexins 6968		Phaseolus vulgaris 5162
phytoarbovirus group, transmission	Plasmopara halstedii 4309	pigeon peas 8251
3918	Sclerotinia sclerotiorum 455	
phytoreovirus group, molecular genetics	tobacco, Peronospora tabacina 6750-	Rhizobium meliloti, control,
7311	6752, 6755-6756, 7980	Macrophomina phaseolina, Vigna
pigeon peas, diseases 6900	tobamovirus group, gene expression	radiata 3957
pines	7312	Rhizoctonia
Armillaria 8096	trees	Calluna vulgaris 6578
Diplodia pinea 8098	damage, assessment 6784	Capsicum 5209
plant diseases	defence mechanisms 5060	Cicer arietinum 1082
biological control 3228	mycorrhizas, heavy metals 4702	citrus 7653
epidemiology 3709	Ulmus, Ceratocystis ulmi 8049, 8063	control, Rhizoctonia solani, potatoes
forecasting 225	Uredinales, haustoria 6348	5878-5879
genetics 3712	vegetables	cucumbers 2997
herbicides 3743	diseases 7405	Dactylorhiza incarnata 3146
resistance 6969	control 2965	enzymes 220
soil amendments 7404	soil treatment, Florida 4483	laboratory tests
soil solarization 7228, 7230	storage decay, biological control	CGA 173506 6267
viroids 251	5503	fungicides 5295
plant extracts	viroids 709, 6409	lawns and turf 1394
antbacterial agents 7068	biochemistry 4757	maize 5608
antifungal agents 7068	detection 6379	Orchidaceae, mycorrhizas 3885
antiinfective agents 3738	diagnosis 7323	ornamental plants 364
plant pathogens	molecular biology 4757	pines 557, 3577
distribution 3710-3711	quarantine 7323	potatoes 3235, 3511
		Rhizanthella, mycorrhizas 5324
electron microscopy 6385	viruses	rice 3235
infection 7295	biochemistry 4758	
interactions, soil fauna 7217	control 1244	strawberries 5782
microscopy 6382	cytochemistry 6400	sugarbeet 2327
mycorrhizas 7130	epidemiology, models 1243	taxonomy 220, 3885
Nematoda 3956	genetic engineering 1247, 6408	Vigna radiata 3235
pathogenesis 6974	host specificity 1240	Rhizoctonia bataticola (see Macrophomir
toxins 6171	molecular genetics 4758, 6406-6407	phaseolina)
plant pathology	replication 7329	Rhizoctonia carotae, carrots 1036, 5141
cytology 6971	resistance 1246-1247, 4759, 6411	Rhizoctonia cerealis
genetics 3713	spread 6412, 7310	barley 1972

Rhizoctonia cerealis cont.	Rhizoctonia solani cont.	Rhizopus arrhizus cont.
laboratory tests	Phaseolus vulgaris 3963, 5159, 5506,	cowpeas 8244
cyproconazole 3999	6051, 6853-6854, 6865, 8192	potatoes 6722
validamycin A 1734	Picea glauca 4466	Rhizopus oryzae
rice 818	pines 3577-3578, 8106	Docynia indica 7709
rye 3285	population genetics 5374	groundnuts 3646
sugarbeet 3592	potatoes 473, 478, 950-951, 2202-2205	
wheat 3243, 3248, 3254, 3999	2870-2871, 3510-3511, 4330,	sulfur 3838
Rhizoctonia japonicum, antagonism, plant pathogens 4550		sunflowers 5839
Rhizoctonia oryzae	protein analysis 1229	Rhizopus stolonifer
barley 730	protoplasts 2512	Annona squamosa 6684
laboratory tests, fungicides 665	radiation 1210	apricots 7800
rice 7624	radishes 6820	clovers 5723
soil 730	rape 5984	Colocasia esculenta 2425
wheat 286-287, 730	restriction fragment length polymor-	grapes 5811, 6694
Rhizoctonia solani	phism 5373	groundnuts 7400
Abelmoschus esculentus 1106	rice 818, 823, 2019, 2667, 3308, 4103-	
Agrostis stolonifera var. palustris 397	4104, 4110, 4869, 4880, 4891- 4892, 4894, 5658, 5660, 7588,	nectarines 6651
anastomosis 1812	7600-7601, 7620-7623, 7626,	pawpaws 2154, 6679
anastomosis groups 1229, 3849, 4738,	7628-7629	Pennisetum americanum 2653
5373	RNA 4738	safflowers 7400
Arabidopsis thaliana 1650	roots 224	sunflowers 7400
Azadirachta indica 2256	sclerotia 1210	tomatoes 2244, 6773
Bacillus subtilis, antagonism 1003	serology 3849	vegetables 1021
barley 730	soil 204, 730, 950, 1274, 3173, 3179,	Rhizosphaera kalkhoffii, pines 8086
biological control 6986	3593, 4741, 6355, 6732, 6820,	Rhizosphere fungi, Strychnos nux-vomica 7889-7890
Boehmeria nivea 2062	7222, 8227	
Capsicum 2408-2409	soil fungi, hyperparasitism 692	Rhodococcus fatty acids 3085
carnations 4177	sorghum 2650, 4075, 7570	taxonomy 3085
Cassia nodosa 2256	soyabeans 228, 2367, 3016-3017, 3639,	
cauliflowers 1033-1034, 5995	4550, 5506, 6064, 6066, 6070,	laboratory tests, tsibulins 57
Ceiba pentandra 2256	6854	Lilium 3342
Celosia argentea 7706	spinach 5977	Rhododendron
cereals 1274	squashes 6853	Cylindrocladium scoparium, control
chrysanthemums 856, 7700	strawberries 439	3748
Cicer arietinum 8280	Streptomyces, antagonism 2478	diseases, USSR 7723
clovers 1398	sugarbeet 3592-3593, 4490, 5132	fungicide residues 7294
Coccinia grandis 5150, 6024	sunflowers 6702	Microsphaera penicillata
Coniferae 550	tobacco 1458, 4354, 6746	environmental factors 2719
cotton 835, 2051, 2053, 2057-2058,	tomatoes 4385, 8015	Ohio 2719
3173, 4785, 4904, 5685	Trichoderma koningii, antagonism	varietal reactions 2719
cowpeas 628-629, 3023, 4568, 6854,	8015	Phytophthora, control 1389, 2718
8244, 8247	Trichoderma longibrachiatum, antago-	Phytophthora cinnamomi
crops 1655	nism 3308	control 3951
cucumbers 6355	Trichoderma pseudokoningii, antago-	immunodiagnosis 4923
Cunninghamia lanceolata 1003, 2304,	nism 7194, 8015	Queensland 3951
2939	Trichoderma viride, antagonism 7194,	Pycnostysanus azaleae
Derris robusta 2256	7199	control 5715
DNA 3165	tulips 5699	symptoms 5715
DNA probes 5373	turmeric 7887	Rhododendron ferrugineum
Epipremnum pinnatum 7710	vegetables 1924	Hymenoscyphus ericae
Euphorbia 2702	Vigna radiata 4569	mycorrhizas
Euphorbia pulcherrima 860, 3335,	weeds 5061	cytology 5356
4180	wheat 286-287, 730, 4003, 5543, 6449	Italy 5356
faba beans 6853	Rhizoctonia zeae	serology 5356
flax 2060	laboratory tests, fungicides 665	Rhododendron obtusum, Phytophthora cin
forest trees 5061	ornamental plants 3324	namomi, control 390
Gliocladium virens, antagonism 3308,	Rhizolex, control, Phomopsis vexans,	Rhododendron sichotense
7194	aubergines 1639	Seimatosporium rossicum
groundnuts 621, 1074, 1077, 1617,	Rhizomonas suberifaciens, lettuces 1629,	taxonomy 1222
1656, 4563, 4785, 5183, 6892,	6103	USSR Far East 1222
8222, 8226-8227 guavas 5795	Rhizophora apiculata Phomopsis mangrovei	Rhodophyllus pulchellus, lawns and turf
		402
Hibiscus cannabinus 2061 hosts 1655, 7240	taxonomy 7288 Thailand 7288	Rhodothamnus chamaecistus
India 7240	Rhizopogon	mycorrhizas
isoenzymes 5374	Picea mariana, mycorrhizas 1758	enzymes 1798 pH 1798
isolates 3165, 5374	pines, mycorrhizas 66	Rhopalosiphon padi, transmission, barley
Jasminum 4184	Rhizopogon ellenae, pines, mycorrhizas	yellow dwarf luteovirus 1989
laboratory tests	1746	Rhopalosiphum insertum, transmission,
ebelactones 3794	Rhizopogon luteolus, pines, mycorrhizas	barley yellow dwarf luteovirus 2581
fungicides 665, 5061	88, 3137	Rhopalosiphum maidis, transmission,
isoflavones 3149	Rhizopogon nigrescens, pines, mycorrhizas	maize, viruses 1988
plant extracts 1725, 3749, 5292,	3799	Rhopalosiphum padi
6261, 8186	Rhizopogon pinyonensis, pines, mycor-	transmission
Lagenaria siceraria 6027	rhizas 1746	barley yellow dwarf luteovirus 728-
lawns and turf 228	Rhizopogon roseolus	729, 2581, 3354, 5523, 6486-
Leguminosae 1050	chitin 59	6487
lentils 6097	nitrogen metabolism 59	beet mosaic potyvirus 6825
lettuces 4585, 6820	Rhizopogon rubescens, culture media 4698	beet yellows closterovirus 6825
limes 2675	Rhizopogon vinicolor, Pseudotsuga	cucumber mosaic cucumovirus 4601
lucerne 883	menziesii, mycorrhizas 4691, 6303	maize, viruses 1988
maize 322, 5506	Rhizopus	Rhus typhina, plant extracts, antibacterial
Melia azedarach 2256	bananas 2148	properties 3088
molecular genetics 4738	groundnuts 8222	Rhynchosporium secalis
ornamental plants 1924, 3324, 4172,	strawberries 440	barley 316, 779, 785, 1326, 1970, 1972
6567	sunflowers 457	3282, 4041, 4047, 5593, 6484-
peas 6035	wheat 3251, 7447	6485, 7516, 7530-7534
Pelargonium 2713	Rhizopus arrhizus	cereals 6275, 6438
Pennisetum americanum 2653	Cicer arietinum 2383	isoenzymes 5358

Ribavirin	Rice cont.	Rice cont.
activity	fungi cont.	Pyricularia oryzae cont.
citrus, viruses 2672	plant extracts 2019	cytology 6971, 7610
potato X potexvirus, potatoes 2855	Fusarium pallidoroseum, India 720	Egypt 336
control	Gibberella fujikuroi	environmental factors 336, 821,
apple stem pitting virus, apples	control 2664, 4889, 6274, 7616	1366, 4097, 4883
3375	fertilizers 7614	enzymes 7606-7607
pear stony pit virus, pears 3375	fungicide tolerance 1369	epidemiology 6524, 7601
potato S carlavirus, potatoes 4760	Japan 1369, 2664, 4888	fertilizers 2662
potatoes, viruses 469, 2854	Pakistan 2665	Florida 6518
Ribes	seed treatment 5657	forecasting 4885
Botrytis cinerea, biological control	seeds 7615	genetic transformation 4096
6654	transplanting 7615	genetics 2024, 2660, 6522, 7609
diseases	varietal reactions 7615	herbicides 4090
control 6654	Gibberella zeae	histology 7608
New Zealand 6654	ascospores 3987	host parasite relationships 5651,
Sphaerotheca mors-uvae, resistance	toxins 3987	7608, 7610
3960	Glomus caledonium	India 5652
viruses	mycorrhizas	induced mutations 5650
gene banks 6652	India 1191	Iran 1366
USA 6652	mineral deficiencies 1191	Ivory Coast 3301, 6526
Ribes maximowiczianum, Sphaerotheca	Glomus fasciculatum, mycorrhizas,	Japan 7600
mors-uvae, China 361	growth 5331	Karnataka 2023
Ribes nigrum (see Black currants)	iron, deficiency 7649	Korea Republic 4100-4101, 4882
Ribes rubrum (see Red currants)	Magnaporthe grisea	light 4099
Ribes uva-crispa (see Gooseberries)	host parasite relationships 1649	metabolites 3304
Rice	host specificity 1649	models 333, 821
Agrobacterium tumefaciens, histopa-	infection 6523	Philippines 332, 4882
thology 662	perithecia 1367	photosynthesis 7605
air pollution, polyamines 7650	Magnaporthe salvinii	plant extracts 2659
Alternaria alternata, induced suscepti-	Assam 2663	protoplasts 7611
bility 7631	biological control 1830	races 334, 337, 1368, 4101, 6525
Alternaria padwickii	control 2027, 2663	6526
control 7630	environmental factors 1830	resistance 2031, 4868, 7611
seeds 7630	fertilizers 7613	São Paulo 6525
bacteria	Haryana 6519	screening 819-820
infection 4895	rotations 4102	somaclonal variation 5649
seeds 2669	sclerotia 4102	sowing date 5654
varietal reactions 2669	varietal reactions 6519	spore dispersal 4097
Cochliobolus carbonum	yield losses 7613	sporulation 1366
pathogenicity 6527, 7631	mineral deficiencies	toxins 4093, 4098-4099
toxins 6527	Himachal Pradesh 2034	Uttar Pradesh 4887
Cochliobolus miyabeanus	India 1191	variation 7609
air pollution 339	symptoms 2034	varietal reactions 334, 813, 1365
biological control 339	zinc 1191	2023, 2025, 4094-4095, 409
calcium silicate 6518	mycorrhizas	4881-4882, 5652, 6521, 652
control 3307, 7612	growth 3819	waxes 338
epidemiology 7601	nutrients 3819	West Bengal 4881
Florida 6518	oranging	yield losses 3301, 4882
herbicides 4090	iron 6533	Yunnan 4095
in vitro selection 2026	silicon 6533	Pythium, Louisiana 7618
pathogenicity 3306	Phoma sorghina	Rhizoctonia, biological control 3235
selection 5655	fertilizers 4105	Rhizoctonia oryzae
Sierra Leone 3305	seeds 7619	anastomosis groups 7624
spore germination 3306	plant extracts, antifungal agents 2659	Japan 7624
tissue culture 5655	Pseudomonas	Rhizoctonia solani
toxins 2026, 3306	characteristics 827	anastomosis groups 5660
Uttar Pradesh 5656	identification 827	antagonists 3308
varietal reactions 5656	Pseudomonas avenae	Assam 5660
yield losses 3305	1 0000	breeding 7620
	seeds 2033	
discoloration	symptoms 2033	control 823, 2667, 4880, 7600, 7628-7629
environmental factors 7603-7604	Pseudomonas fuscovaginae	enzymes 7629
Nigeria 7604	identification 7647	
West Africa 7603 disease resistance, molecular genetics	Madagascar 2032 strains 2032	epidemiology 7601 forecasting 7626
6517 diseases	Trinidad and Tobago 3966	growth stages 7622
	varietal reactions 2032	India 4894
Andaman and Nicobar Islands 7588	Pseudomonas glumae	inoculation 4110, 7621
anther culture 7585	Colombia 2670	Japan 4891, 7600
breeding 7587	Japan 7648	models 4892
control 818, 1362, 3953, 6272,	seed testing 7648	phenols 5658
6513, 7602	strains 342	plant oils 2667
forecasting 7302	varietal reactions 342	reviews 7628
India 1361-1362, 4869, 7302	Pseudomonas plantarii, seed testing	testing 7623
integrated control 4082	4898	varietal reactions 4103-4104, 489
Korea Republic 818	Pseudomonas syringae, toxins 4897	5658, 7621
Louisiana 7589	Pyrenochaeta oryzae, varietal reactions	yield losses 4891-4892, 7620, 762
Malaysia 2655	822	7626
resistance 7586	Pyricularia oryzae	rice black-streaked dwarf fijivirus
RNA 4083	algae 2662	spacing 5646
rotations 1362	antagonists 3303	yield losses 5646
sowing date 817	appressoria 338	rice grassy stunt tenuivirus, varietal
Tamil Nadu 817	Arunachal Pradesh 5654	reactions 1363
USSR 4082	biological control 332, 1368, 2661	rice hoja blanca tenuivirus, Trinidad
varietal reactions 1361, 4869, 7588	breeding 2031, 5650	and Tobago 3966
yield losses 2655	calcium silicate 6518	rice ragged stunt virus
Erwinia amylovora	carbohydrates 5651	biochemistry 2017
agglutinins 7080	China 337, 4094	screening 4874
host parasite relationships 7080	conidia 4100, 4884	Thailand 4873-4874
fungi	control 333, 1151, 4092, 4880,	transmission 329, 4873-4874
control 2019	4886, 5653, 6279, 7600	yield losses 2016

ice cont.	Rice cont.	Disc record stant view
rice stripe tenuivirus	Tilletia barclayana cont.	Rice ragged stunt virus cont. RNA 1896
genetics 4089	estimation 7617	Rice stripe tenuivirus
Taiwan 2433 yield losses 2433	Indian Punjab 7617 seeds 7617	nucleotide sequences 3927, 3930, 3938
rice tungro bacilliform virus	varietal reactions 7617	rice 2433, 4089  Rice transitory yellowing rhabdovirus, cha
detection 4878	Ustilaginoidea virens	acteristics 1904
genetics 1364	control 4107	Rice tungro bacilliform virus
mixed infections 816 multiplication 4878	India 4108 isolates 4108	hosts 7591
pigments 7597	Taiwan 4107	molecular genetics 4875
plant growth regulators 7597	varietal reactions 2668	rice 815-816, 1364, 2018, 2657, 4878, 7597
screening 816	viruses	Rice tungro spherical virus
transmission 2018, 2657 varietal reactions 815, 2018, 2657,	immunodiagnosis 4876	hosts 7591
7597	Japan 4087 reviews 330	maize 7591
rice tungro spherical virus	South East Asia 4087	molecular genetics 4875 rice 815-816, 2018, 2656-2657, 4878,
detection 4878	vectors 330	7597
mixed infections 816 multiplication 4878	Xanthomonas campestris pv. oryzae	weeds 7591
pigments 7597	alternative hosts 3069 amino acids 7646	Rice tungro virus
plant growth regulators 7597	Bangladesh 4118, 6529	Oryza barthii 7596 rice 331, 814, 2658, 4086, 4088, 4870
screening 816	biological control 824	4872, 6514-6516, 7591, 7596
transmission 2018, 2656-2657	breeding 826, 2031, 3310, 6529,	Rice yellow dwarf virus, rice 4085, 5644
varietal reactions 815, 2018, 2657, 7597	6532 China 826, 4120, 6521	Rice yellow mottle virus, rice 7590, 7595
rice tungro virus	China 826, 4120, 6531 chloroplasts 5662	Ricinus communis
breeding 7596	control 4092, 6279, 7641-7642,	Botrytis ricini, Andhra Pradesh 2170 Cercospora ricinella, enzymes 7868
control 331, 4088, 6515-6516	7644	Fusarium oxysporum, breeding 5831
Indonesia 2658	detection 7639	Fusarium oxysporum f.sp. ricini,
integrated control 2658 Malaysia 6514	genetics 825, 1370, 2030, 4084,	breeding 2848
pigments 4086	4111, 4113-4115, 4118-4119, 5661, 6530, 7633-7634	Macrophomina phaseolina culture media 4997
testing 4870	host parasite relationships 6530	India 2171
Thailand 7591	India 7638	varietal reactions 2171
transmission 331, 4871-4872, 6516	induced mutations 3310	yield losses 2171
varietal reactions 814, 4871-4872 vectors 6514-6515	isolates 4116, 4120, 7637	Pseudomonas solanacearum, Indonesia
rice yellow dwarf	Japan 341, 825 morphology 1371	7853 seed treatment 7867
diagnosis 7592	mutants 6529	seedborne fungi, control 7867
mycoplasma-like organisms 7592-	Nepal 4117	Rindite, activity, Gibberella pulicaris,
7594 reservoir hosts 7594	nitrogen 7646	potatoes 2873
Tamil Nadu 7593	pathogenicity 4120 Philippines 825	Rivers, Erwinia chrysanthemi, Australia 1
transmission 7593	races 341, 3310	Robinia pseudoacacia, peanut stunt cucumovirus, cytology 391
varietal reactions 7593	resistance 1371, 2031, 4868	Roesleria hypogaea, quinces 7789
rice yellow dwarf virus	restriction fragment length polymor-	Romania
China 4085 India 5644	phism 4116	cereals, Sclerotinia sclerotiorum 7410
symptoms 5644	screening 7643 seeds 7639	Cucumbers Pseudomonas syringae pv.
varietal reactions 4085, 5644	spread 340	lachrymans 3606
rice yellow mottle virus	strains 7636	Pseudoperonospora cubensis 3606
Guinea 7590	susceptibility 6531, 7646	flax, Sclerotinia sclerotiorum 7410
Sierra Leone 7595 yield losses 7595	Tamil Nadu 7637 testing 2029	sunflowers, Sclerotinia sclerotiorum 7410, 7877
Sarocladium attenuatum	toxins 7640, 7645	Vaccinium, Aureobasidium vaccinii
India 2028	USA 7636	7809
sowing date 2028	varietal reactions 340-341, 813,	wheat, diseases 2593
varietal reactions 2028 Sarocladium oryzae	4112, 5662, 7634-7635, 7640,	Rosellinia desmazieresii, Salix repens
antagonists 2666	7643, 7646 West Africa 7632	Rosellinia minor, Picea abies 1017
control 7627	yield losses 6531, 7632	Rosellinia necatrix
enzymes 4109	Xanthomonas campestris pv. oryzicola	apples 3769, 4943
fertilizers 5659, 7625	immunodiagnosis 4896	loquats 7806
induced resistance 4109 reviews 7627	inoculation 6528 seeds 4896	Roses apple mosaic ilarvirus, detection 866
toxins 5659	West Africa 7632	Botrytis cinerea
Sclerotium hydrophilum	yield losses 7632	control 3347, 5702
Haryana 6519	Xanthomonas oryzae, taxonomy 3309	fungicide tolerance 5716
sclerotia 4106 varietal reactions 6519	yellow dwarf biochemistry 5645	Indian Punjab 7724 Italy 5716
Sclerotium oryzae var. irregulare	mycoplasma-like organisms 5645	postharvest decay 3347
Haryana 6519	Rice black-streaked dwarf fijivirus, rice	varietal reactions 7724
varietal reactions 6519	5646	Diplocarpon rosae, control 6592, 7726
seedborne fungi	Rice dwarf phytoreovirus	diseases
Andhra Pradesh 6520 control 5647, 7599	coat proteins 7372 electron microscopy 1896	control 6268 Italy 6590-6591
enzymes 2022	molecular genetics 7372	Glomus deserticola, mycorrhizas,
germination 4879	monoclonal antibodies 7330	drought resistance 1786
India 5647	nucleotide sequences 1915, 3928, 4877,	Glomus intraradices, mycorrhizas,
Pakistan 4091 plant extracts 2020	7371 RNA 1896	water stress 1787
Sri Lanka 5648	Rice grassy stunt tenuivirus, rice 1363	postharvest decay, bacteria 2720 prunus necrotic ringspot ilarvirus,
storage 2020, 4879, 6520	Rice hoja blanca tenuivirus	detection 866
toxins 6520	rice 3966	Pseudomonas aeruginosa, vascular
storage decay	vectors 3214  Pice penyakit merah virus rice 2655	occlusion 6593
India 2021 moisture content 7598	Rice penyakit merah virus, rice 2655 Rice ragged stunt virus	rose rosette virus biological control 2426
Tamil Nadu 7598	electron microscopy 1896	Indiana 2426
Tilletia barclayana	monoclonal antibodies 7330	transmission 2426
control 4890	rice 329, 2016-2017, 4873-4874	Sphaerotheca pannosa, resistance 3960

		CI AM
loses cont.	Rubus fruticosus (see Blackberries)	Safflower cont.
Sphaerotheca pannosa var. rosae	Rubus idaeus (see Raspberries)	diseases
control 6592	Rubus parviflorus, diseases, British Colum-	India 3961
cytochemistry 7725	bia 6137	nomenclature 3073
host parasite relationships 7725	Rubus yellow net virus, raspberries 7807	fungicides, uptake 6700
infection 7725	Rumex acetosa, Coniella musaiaensis vat.	Puccinia calcitrapae var. centaureae
Sphaerotheca rosae, China 361	hibisci, Trinidad and Tobago 3966	India 5834
Rottboellia cochinchinensis	Rumex longifolius, Ustilago warmingii,	symptoms 5834
Gibberella fujikuroi	Norway 8329	Puccinia carthami
biological control 6138	Russula, forest trees, mycorrhizas 61	elimination 6699
Guatemala 6138	Rusts (see Uredinales)	quarantine 6699
Rotylenchulus reniformis	Rutabagas (see Swedes)	seeds 6699
interactions	Rwanda, wheat, diseases 1943	Puccinia verruca
Fusarium oxysporum f.sp. lycoper-	Rye	India 5834
sici, tomatoes 5922	Claviceps purpurea, sclerotia 7547	symptoms 5834
Pythium debaryanum, tomatoes	Cochliobolus sativus	Ramularia carthami, survival 7869
5922	environmental factors 5533	seedborne fungi
Rhizoctonia solani, cowpeas 628-	sporulation 5533	seed germination 7400
629, 8247	diseases	toxins 7400
lough lemons, mycorrhizas, cytokinins	nomenclature 3073	Saffron
1183	stems 3285	Penicillium corymbiferum, Italy 3489
lubber	symptoms 3285	viruses .
Botryodiplodia theobromae	Erysiphe graminis	cytoplasmic inclusions 4171
China 2253	breeding 7544-7545	ultrastructure 4171
Orissa 5892	evolution 281	Sage (see Salvia)
brown bast	formae speciales 281	Saintpaulia ionantha
physiology 7953	genetics 5606, 7432	Erwinia chrysanthemi
proline 5028	Germany 4849	host parasite relationships 4187
water stress 5028	host specificity 281	iron 4187
Corynespora cassiicola	Nematoda 1333	Erwinia chrysanthemi pv. chrysanthemi
epidemiology 4336		enzymes 7728
Malaysia 7947	races 1986	immunocytochemistry 7728
pathogenicity 4336	testing 4849	Salicylic acid, control, tobacco, viruses
photosynthesis 4339	Ukrainian SSR 5606	3531
sporulation 4336	USSR 1333, 7545	Salix
diseases	varietal reactions 1986, 4848	Catinella olivacea, Netherlands 3184
Bangladesh 2219	yield losses 5606	
	Fusarium	diseases, New Zealand 8048
enzymes 3954	symptoms 3979	Erwinia salicis, UK 2932
Malaysia 7946	toxins 2583, 3979	Glomerella miyabaena, UK 3564
Sri Lanka 7944	Gaeumannomyces graminis, yield losses	Pollaccia saliciperda, UK 3564
Fusicoccum	1938	Salix babylonica, Ganoderma
control 5027	Gaeumannomyces graminis var. tritici	microsporum, Taiwan 2272
environmental factors 5027	cultural methods 731	Salix burjatica, viruses, inoculation 2915
Malaysia 5027	Denmark 731	Salix fragilis
varietal reactions 5027	testing 3986	fungi
Glomerella cingulata	Gibberella zeae	endophytes 1498
isolates 7952		host specificity 1498
morphology 7952	pathogenicity 3985	Salix repens
physiology 7952	trichothecenes 3985	Rosellinia desmazieresii
testing 7949	Monographella nivalis	environmental factors 2273
toxins 2220, 7949	estimation 5607	susceptibility 2273
Microcyclus ulei	varietal reactions 5607	toxins 8078
Brazil 6735	mycorrhizas, farming systems 1769	UK 2273
breeding 2883, 6735	Pseudocercosporella herpotrichoides	Salix viminalis
control 6736	control 733-734	Laccaria proxima
fungicide tolerance 4337	cultural methods 732	mycorrhizas
histology 4338	Denmark 732-733	carbon 5318
quarantine 7948	economics of control 733	growth 5318
races 4337	fungicide tolerance 733	phosphorus 5318
resistance 958, 4338, 6735	isolates 7441	
reviews 7948	Puccinia graminis, genetics 1334	Melampsora epitea
	Puccinia recondita	clones 5945
Oidium heveae, control 7951	breeding 4847	Sweden 5945
Periconia manihoticola	genetics 1334, 4846	mycorrhizas, phosphorus 4690
control 959	RSFSR 4846-4847	Thelephora terrestris
environmental factors 959	Puccinia striiformis, genetics 1334	mycorrhizas
India 959	Sclerotinia graminearum	carbon 5318
phloem necrosis	USSR 7546	growth 5318
histopathology 7945	varietal reactions 7546	phosphorus 5318
Ivory Coast 7945	viruses, Germany 4845	Salsola kali, Gibberella fujikuroi, seeds
Phytophthora		6929
budding 3524	Ryegrass mosaic virus, pastures 4188	Salt (see Sodium chloride)
control 3523	S-0208	Salvia, fungicides, activity 2846
fungicide tolerance 5518	control	Salvia officinalis
India 3524	Erwinia amylovora	Armillaria mellea, Greece 1434
Kerala 3523, 5518	apples 3376	Glomus mosseae, mycorrhizas, growth
varietal reactions 3524	pears 3376, 3414-3415, 3418	5339
yield losses 7950	S-H mixture, control, Fusarium	Phytophthora cryptogea, detection 364
Phytophthora botryosa, control 5026	oxysporum f.sp. niveum, watermelons	Salvia sclarea, plant extracts, antifungal
Phytophthora palmivora, control 5026	2353	agents 1146
Rubia cordifolia, Pseudopeziza rubiae,	Sabah, cocoa, Oncobasidium theobromae	Salvia triloba, Armillaria mellea, Greece
biochemistry 2850	2570, 2575	1434
Rubus	Saccharomyces cerevisiae, interactions,	Samanea saman, diseases, control 5066
Botrytis cinerea, biological control	Leguminosae, mycorrhizas 128	Sambucus nigra
6654	Saccharum officinarum (see Sugarcane)	Microsphaera vanbruntiana var.
diseases	Safflower	sambuci-racemosae
control 6654	Alternaria	Germany 4427
New Zealand 6654	control 4303	taxonomy 4427
Peronospora rubi, UK 6653	India 4303	viruses, Czechoslovakia 2923
viruses	Alternaria carthami	Sambucus racemosa
gene banks 6652	seeds 3487	cherry leaf roll nepovirus
USA 6652		
00/1 00/2	varietal reactions 5832	Finland 3553

Sambucus racemosa cont.	Schima walichii, Macrophomina phase-	Sclerotinia sclerotiorum cont.
cherry leaf roll nepovirus cont.	olina, Sikkim 4407	globe artichokes 6928
serological relationships 3553	Schinus molle	groundnuts 4500
Microsphaera vanbruntiana vat. sambuci-racemosae	Phytophthora cinnamomi, control 7821	isolates 1822
Germany 4427	Phytophthora palmivora, control 7821 Schizonella melanogramma, Carex 4746	laboratory tests
taxonomy 4427	Schizophyllum commune, Populus 4418	fungicides 1822 lectins 5239
viruses, Czechoslovakia 2923	Schizothyrium pomi, apples 429, 6622,	plant extracts 5292
SAN 518 F, activity, Phytophthora infes-	7772	Lathyrus sativus 5737
tans 7884	Schlumbergera truncata, tomato spotted	lettuces 4485
Sandal (see Santalum album) Sansevieria trifasciata, Phoma	wilt virus, Pennsylvania 3348 Sclerocystis	lucerne 2732-2733
putaminum, India 2104	Amaranthaceae, mycorrhizas 5349	Nicotiana rustica 6759
Santalum album	taxonomy 3826, 7143	peas 5153, 6427, 6858  Phaseolus vulgaris 1598, 5160, 686
spike	Sclerocystis clavispora, soil 1768	potatoes 938, 6427
Karnataka 6795	Sclerocystis liquidambaris	proteins 6373
vectors 6795	Taiwan 1764	rape 1025, 4500, 5987, 6427, 6830
Sapium japonicum, antifungal agents 3117	taxonomy 1764	reviews 5
Sapium sebiferum, mycorrhizas, Texas 6299	Sclerocystis pakistanica, soil 1768 Sclerocystis sinuosa	sclerotia 685, 1727, 1826
Saprolegniales	avocados, mycorrhizas 2500	soil 2733, 3874, 4307, 6990, 7221 sorghum 7410
monoclonal antibodies 7297	desert plants, mycorrhizas 162	soyabeans 609, 5172, 6069, 6880
zoospores 7297	soil 1768	sucrose 1826
Sarea resinae	Sclerocystis taiwanensis	sunflowers 455, 458, 4307, 5001-500
Chamaecyparis obtusa 547	Taiwan 1764	5836-5837, 5839, 6427, 7410,
Thujopsis dolabrata 547	taxonomy 1764 Scleroderma	7873, 7877
Sarocladium attenuatum, rice 2028 Sarocladium oryzae	forest trees, mycorrhizas 61	Taraxacum officinale 5217
Cochliobolus carbonum, antagonism	pines, mycorrhizas 4692	taxonomy 6373  Teratosperma sclerotivora, hyperpai
2666	Scleroderma aurantium, pines, mycor-	sitism 6990
rice 817, 2019, 2666, 4109, 5659, 7625,	rhizas 86	tobacco 2887, 4362
7627	Scleroderma bovista, sports grounds 5314	Trichoderma harzianum, hyperparas
atellite tobacco mosaic virus, molecular	Scleroderma citrinum, larch, mycorrhizas	ism 5153
genetics 1254	672	ultrastructure 3843
atsuma dwarf virus, satsumas 3311, 7657	Scleroderma verrucosa, pines, mycorrhizas	wheat 7410
atsumas	Sclerophoma semenospora, pines 8086	Sclerotinia squamosa
Alternaria pellucida, taxonomy 3886 satsuma dwarf virus	Sclerophthora macrospora, wheat 739,	heterokaryosis 1811 onions 724, 3671, 6921
China 3311	2589, 7505	Sclerotinia trifoliorum
Turkey 7657	Scleropyrum wallichianum, Meliola	clovers 407, 888, 2728, 4931
atureja hortensis, plant oils, antibacterial	hainanensis, China 1844	culture 7169
agents 7012	Sclerospora graminicola	lucerne 412, 416, 2732
audi Arabia	maize 1347 Pennisetum americanum 806-807, 809,	nutrition 7169
crops, mycorrhizas 1177	811, 1360, 2012, 2014, 2651-2652,	sclerotia 703, 1727 sporulation 3842
Cucurbitaceae, zucchini yellow mosaic potyvirus 6839	2654, 4077, 5634, 5638, 7581-	viability 703
desert plants, mycorrhizas 122	7582	Sclerotiniaceae
soil, mycorrhizal fungi 3142	Sclerotinia	proteins 6373
auromatum, fungi, nomenclature 5410	Capsicum 5209	taxonomy 6373
avannas, mycorrhizas, Colombia 175	laboratory tests, CGA 173506 6267 melons 8171	Sclerotium, rice 818
cabiosa columbaria	sclerotia 1727	Sclerotium cepivorum
Ustilago intermedia	vegetables 6819	antagonists 4592 garlic 8301
anthers 3182 Germany 3182	Sclerotinia fuckeliana	Gliocladium virens, antagonism 7194
canning electron microscopy	fungicide tolerance 7069	onions 2399, 4591-4592, 5965, 6919,
Agrobacterium tumefaciens, crops 662	genetics 7069	8300
Alternaria alternata, barley 1327	laboratory tests, phosphazomycins 56	Trichoderma pseudokoningii, antago
Corticium rolfsii 3851	Sclerotinia graminearum, 1ye 7546 Sclerotinia homoeocarpa	nism 7194
Eucalyptus pilularis, mycorrhizas 7097	Agrostis stolonifera var. palustris 4917	Trichoderma viride, antagonism 719- Sclerotium hydrophilum, rice 818, 4106
fungi 6383	Festuca 398	6519
Fusarium 2513	Poa annua 4917	Sclerotium oryzae var. irregulare, rice
Hemileia vastatrix, coffee 4151 Heterobasidion annosum 7286	Sclerotinia minor	6519
Monilinia laxa, nectarines 6651	groundnuts 623, 1074, 1656	Sclerotium rolfsii (see Corticium rolfsii
Nyssopsora 219	laboratory tests, benzanilides 1714	Scolytus, transmission, Ceratocystis ulm
Phyllactinia kakicola, persimmons 686	lettuces 3662, 8290 sclerotia 1727	536, 2928 Scolytus multistriatus, transmission,
Plasmodiophora brassicae, Chinese	soil fungi, antagonism 3869	Michenera artocreas 5942
cabbages 5992	sunflowers 5839	Scolytus schevyrevi, transmission, Cerato
Puccinia recondita, wheat 7044	Taraxacum officinale 5217	cystis ulmi 5941
Pythium arrhenomanes, wheat 7510 Rhizoctonia solani	Sclerotinia sclerotiorum	Scopulariopsis brevicaulis, Cicer arieting
hyperparasitism 692	Abutilon theophrasti 8330	634
sorghum 2650	apothecia 1826 aubergines 2419, 8313	Scutellaria violacea, plant extracts, antifungal agents 6259
Rhizopus stolonifer, nectarines 6651	barley 7410	Scutellaria woronowii, plant extracts,
Tilletia indica, wheat 5572	cabbages 8330	antifungal agents 6259
Uredinales, ferns 1873	carrots 8157	Scutellospora
Uromyces transversalis, Gladiolus	cauliflowers 5140	Amaranthaceae, mycorrhizas 5349
7712 Venturia inaequalis, apples 5748	celery 4485, 5144	taxonomy 3826
Verticillium psalliotae, Phakopsora	Cicer grietinum 2380, 3027	Scutellospora aurigloba, soil, mycorrhiza 1765
pachyrhizi 3013	Cicer arietinum 2380, 3027 clovers 1399	Scutellospora auriglobosa, taxonomy 389
Xanthomonas campestris pv. pruni,	Coniothyrium minitans, hyperparasit-	Scutellospora biornata, grasses, mycor-
plums 908	ism 2509, 4931	rhizas 1772
catella stagnalis, transmission, Pythium	cucumbers 3953	Scutellospora calospora
aphanidermatum 3614	Engelhardtia spicata 2256	Casuarina equisetifolia, mycorrhizas
chefflera actinophylla Alternaria panax, temperature 847	epidemiology 5	2502 desert plants, mycorrhizas 162
Xanthomonas campestris pv. hederae	ergosterol 685 faba beans 1059	desert plants, mycorrhizas 162 trees, mycorrhizas 137
control 4924	flax 7410	Scutellospora erythropa, soil, mycorrhiza
fertilizers 4924	forecasting 5	3143

Seedborne fungi cont. Seedborne organisms cont. Scutellospora gigantea, trees, mycorrhizas cauliflowers 8149 cereals 7431, 7434 Aspergillus nidulans, cowpeas 3652 Aspergillus niger Scutellospora gilmorei, soil, mycorrhizas groundnuts 6079 Chamaecyparis obtusa 2281 cherries 557, 4967 1765 Scutellospora gregaria wheat 3251 soil, mycorrhizas 3143 Chinese cabbages 2980 Aspergillus parasiticus Cicer arietinum 2383, 6091 spores 3825 groundnuts 1612 Scutellospora heterogama, spores 3825 Claviceps purpurea, wheat 7502 clovers 5723 maize 1348 Scutellospora nigra, spores 3825 sunflowers 2174 coffee 4146 Scutellospora scutata, pineapples, mycor-Aspergillus ruber, peas 6860 rhizas 1773 Coniferae 4432 Aspergillus terreus, cowpeas 3652 bacteria, rice 2669 Scuttellospora heterogama, Paspalum Coriandrum sativum 5823 notatum, mycorrhizas 1770 cotton 4160 bean common mosaic potyvirus, Phase-olus vulgaris 1055 Scuttelospora persica DNA 7140 spores 7140 cowpeas 595, 2355, 2378, 8248 crops 1736 Botryodiplodia theobromae Cryptomeria japonica 2281 detection, reviews 6389 forest trees 4389 Gnetum scandens 7243 Scytalidium vaccinii, Vaccinium angusti-folium, mycorrhizas 1797 Sebacina, Orchidaceae, mycorrhizas 178 Secale cereale (see Rye) maize 797 Botrytis, onions 3671 groundnuts 1616, 7400, 8222 Lablab purpureus 595 Botrytis cinerea, Cicer arietinum 8267 Cercospora kikuchii, soyabeans 612, 615, 3640 Seed testing Denmark 2432 lawns and turf 1394 linseed 2059 Cercospora sojina, soyabeans 5171 maize 5622 maize 318, 321, 1991, 5614, 5616, 7551 Chaetomium Seed treatment Carum carvi 5822 medicinal plants 4300 mustard 5139 Abelmoschus esculentus 1655 Cuminum cyminum 5822 aubergines 644 Foeniculum vulgare 5822 barley 735, 788, 4830, 6271, 7516, 7529 peas 600 Trachyspermum ammi 5822 Pennisetum americanum 2015, 2653 Trigonella foenum- graecum 5822 citrus exocortis viroid, citrus 5668 biological control 5507 cabbages 1582, 7081 Capsicum 2409 Phaseolus vulgaris 6865 Clavibacter michiganensis subsp. michiganensis, tomatoes 4384 Clavibacter michiganensis subsp. nebraskensis, maize 801 Cochliobolus lunatus pines 557 potatoes 474 Capsicum 2409
cauliflowers 7081, 8155
cereals 279, 2467, 6274
Chinese cabbages 2980
Cicer arietinum 2384-2385, 2389, 8267, 8271 Prunus jamasakura 3567 Prunus lannesiana vat. speciosa 3567 Pseudotsuga menziesii 4440 Psophocarpus tetragonolobus 6911 radishes 8149 rice 2020, 2022, 4091, 4879, 5647-Pennisetum americanum 2015 sorghum 5626, 5631 Colocasia esculenta 3057 cotton 352, 2051, 2053, 2057, 4907, 5685, 6271 cowpeas 629-630, 3653, 8248 faba beans 607, 6853 Cochliobolus lunatus var. aeria, wheat 5648, 6520, 7599 7498 Ricinus communis 7867 safflower 7400 Salsola kali 6929 Cochliobolus sativus, wheat 5548 Cochliobolus spicifer, Pennisetum americanum 2015 Festuca arundinacea 6600-6601, 7738 sesame 4304 coffee 4144-4145 sorghum 5629, 6511 flax 2060 Coleus scutellarioides, viroids 3330 ginger 7891 soyabeans 595, 3635, 4547, 5174, 6067, Colletotrichum coccodes, Capsicum grain legumes 6852 4603 groundnuts 623, 625, 1615-1616, 4561, 6883, 8222 lawns and turf 6599 Strychnos nux-vomica 5847 Colletotrichum dematium, Capsicum sunflowers 4308, 7400, 7878 4604, 6119 turnips 8149 vegetables 1021 Vigna radiata 2355 wheat 5536, 7447-7449 Colletotrichum graminicola, sorghum lentils 6908 maize 321, 1997, 2646, 4860, 6271, 7557 7567 Colletotrichum orbiculare, watermelons 6029 Medicago 1306 Seedborne organisms onions 8300 Colletotrichum truncatum, soyabeans Acremonium 615 Panax notoginseng 5005 peas 600, 3620-3621, 6037, 6427 Pennisetum americanum 2012, 2015 Hordeum 3283 control 7406 Lolium 2723 cucumber mosaic cucumovirus lettuces 2390 lupins 7758 Acremonium coenophialum, Festuca Phaseolus vulgaris 6047-6048, 6853 arundinacea 6600, 7736-7738 potatoes 6427 alfalfa mosaic virus, lucerne 2730 Alternaria, wheat 3251 elimination 701 . Pseudotsuga menziesii 4440 Pseudosuga menziesa 4440 Psophocarpus tetragonolobus 6911 rape 5984, 6427 rice 332, 1369, 2661, 4889, 5647, 5653, 5657, 7599, 7616, 7630 Erwinia rhapontici, peas 6045 Alternaria alternata barley 1327 Capsicum 7198 maize 3968 cereals 7436 sunflowers 3968, 7875 Coriandrum sativum 7198 safflower 6699 wheat 5548 Medicago 309 sesame 4304 Alternaria carthami, safflower 3487 sorghum 327, 802, 5626, 5628-5629, 6271 soyabeans 3636 Alternaria gomphrenae, Gomphrena globosa 5710 Trigonella foenum-graecum 7198 triticale 2579 wheat 1965 soyabeans 616, 3012, 3017, 3640 squashes 6849, 6853 sugarbeet 2324, 2975-2976, 5135, 6827 sunflowers 2173, 3957, 6427 tobacco 7986 Alternaria helianthi, sunflowers 7875 Alternaria padwickii, rice 7630 Fusarium oxysporum f.sp. asparagi, Alternaria tagetica, Tagetes erecta asparagus 638 Fusarium oxysporum f.sp. cucumer-inum, cucumbers 8175 Alternaria triticina, wheat 5586 tomatoes 4384, 6765 Alternaria zinniae Trigonella foenum-graecum 5846 vegetables 1021 Fusarium oxysporum f.sp. elaeidis, oil sunflowers 7875 palms 7907 Tagetes erecta 2105 Fusarium oxysporum f.sp. niveum, Ascochyta fabae, faba beans 607 Ascochyta fabae f.sp. lentis, lentils Vigna mungo 593 watermelons 8175 Vigna radiata 593, 1086, 1655, 3957, Fusarium pallidoroseum, sorghum 7572 6084, 8263 6087 wheat 286, 311, 735, 760, 773, 1302, 1306, 1958, 2606, 3251, 3991, 5570-5571, 6271, 6457, 6467, 7448-7449, 7456, 7488, 7496 Aspergillus, wheat 5588 Aspergillus flavus Gibberella, soyabeans 3636 Gibberella fujikuroi Brassica campestris 6003 cotton 2690 maize 320, 796 rice 7615 Seedborne bacteria Datura metel 7888 sorghum 802, 5626, 5631, 7572 carrots 6834 Eleusine coracana 5642 crops 3232 Gibberella fujikuroi var. subglutinans, pines 1547 groundnuts 1612 quarantine 7089 tomatoes 2913, 6782 Indian mustard 6003 Gibberella zeae, wheat 771, 1309-1310 Glomerella cingulata maize 320, 1348 sesame 5517 Seedborne fungi cabbages 8149 Capsicum 2411, 4602, 5208 carrots 6010 asparagus 638 soyabeans 5517, 6879 Phaseolus vulgaris 4539 Aspergillus fumigatus, coffee 6555 groundnuts 3131 Aspergillus glaucus, maize 1349

•		120
Seedborne organisms cont.	Seedborne organisms cont.	Septoria nodorum (see Leptosphaeria
Leptosphaeria maculans, cabbages 2981	Ustilago bullata, Bromus catharticus 4193	nodorum) Septoria obesa, chrysanthemums 4914
Leptosphaeria nodorum, wheat 3266,	Ustilago segetum var. tritici, wheat	Septoria petroselini, parsley 1638
6274, 7456 lettuce mosaic potyvirus, lettuces 2390,	1290, 4013	Septoria pini-thunbergii, pines 5105
6100	Xanthomonas campestris, Cicer arie- tinum 2389	Septoria pogostemoniae, Pogostemon benghalense 3896
Lotus corniculatus 5738	Xanthomonas campestris pv. campes-	Septoria populi, Populus 541
Macrophomina phaseolina	tris, Cruciferae 6006	Septoria ribis, red currants 4969
sunflowers 2176 Vigna mungo 593	Xanthomonas campestris pv. cyamop- sidis, Cyamopsis tetragonoloba	Septoria triticicola, wheat 7494 Sequoia sempervirens
Vigna radiata 593	5193	Glomus mosseae
maize chlorotic mottle virus, maize 4852	Xanthomonas campestris pv. glycines,	mycorrhizas
Mycosphaerella cruenta, cowpeas 8262	soyabeans 616 Xanthomonas campestris pv.	growth 1762 nurseries 1762
Mycosphaerella dearnessii, pines 1007,	malvacearum, cotton 4907	Sericothrips variabilis, interactions, cot-
2292	Xanthomonas campestris pv. oryzae, rice 7639	ton, diseases 4904
Nematospora sinecauda Descurainia sophia 5991	Xanthomonas campestris pv. oryzicola,	Seridium cardinale, Cupressaceae 1568 Serissa serissoides, Melampsora seris-
mustard 5991	rice 4896	sicola, Nei Menggu 2523
pea seed-borne mosaic potyvirus, peas 3618, 6855	Xanthomonas campestris pv. phaseoli, Phaseolus vulgaris 1600, 6868	Serratia marcescens
peanut mottle potyvirus, Vigna subter-	Xanthomonas campestris pv. pruni,	control  Corticium rolfsii, soil 3173
ranea 3655	plums 908	Rhizoctonia solani, soil 3173
peanut stripe potyvirus, groundnuts 4555, 6891	Xanthomonas campestris pv. trans- lucens, barley 788	Sesame
Peronospora ducometi, buckwheat	Xanthomonas campestris pv. vignaer-	Alternaria alternata, control 1437 Alternaria sesami, phytoalexins 4306
5641	adiatae, Vigna radiata 8287	Beltrania rhombica, India 4305
Peronospora parasitica, radishes 2332, 8151	Seedborne viruses Abies 1002	Corynespora cassiicola
Phaeoisariopsis griseola, Phaseolus	faba beans 2999	Korea Republic 4999 spore dispersal 4999
vulgaris 3624	groundnuts 1068, 3642	damping off, biological control 454
Phoma sorghina, sorghum 5626, 5631 Phomopsis, soyabeans 614	Leguminosae 1591 lettuces 2390	diseases, India 3961
Phomopsis longicolla, soyabeans 4548,	peas 2999	Fusarium, biological control 454 Fusarium oxysporum f.sp. sesami, con
5173	Seimatosporium eucalypti, Eucalyptus	trol 4998
Phomopsis phaseoli, soyabeans 6062 Phyllosticta glumarum, rice 7619	3558 Seimatosporium rossicum, Rhododendron	Glomus mycorrhizas
Pleiochaeta setosa, lupins 7157	sichotense 1222	growth 3144
Pleospora betae, sugarbeet 5135	Seiridium cardinale	varietal reactions 3144
potato spindle tuber viroid, Solanum muricatum 2896	Chamaecyparis nootkatensis 8117 Cupressus sempervirens 569, 8116	Macrophomina phaseolina control 7870
Pseudomonas avenae, rice 2033	Seiridium cupressi, Cupressus	environmental factors 7871
Pseudomonas corrugata, tomatoes 2912	sempervirens 8116 Seiridium unicorne	Pseudomonas syringae pv. sesami
Pseudomonas fuscovaginae, wheat 4037	Chamaecyparis obtusa 4477	seeds 3232 Turkey 3232
Pseudomonas glumae, rice 7648	Cupressaceae 2937	Pythium ultimum, plant extracts 3171
Pseudomonas solanacearum, ground- nuts 6896, 8239	Cupressus sempervirens 8116 Selenosporella, Hibiscus cannabinus 2061	seedborne fungi, Sudan 4304 storage decay
Pseudomonas syringae pv. hibisci,	Senecio, diseases, Italy 5701	control 5517
Abelmoschus moschatus 4911	Senecio bicolor, Verticillium dahliae, Cal-	seeds 5517
Pseudomonas syringae pv. japonica barley 1277	ifornia 4186 Senecio vulgaris	toxins 5517 Xanthomonas campestris pv. sesami
wheat 1277	Erysiphe cichoracearum var. fischeri,	isolates 2849
Pseudomonas syringae pv. syringae	genetics 8334	varietal reactions 2849
peas 1054 Phaseolus lunatus 6870	Puccinia lagenophorae competitive ability 1646	Sesbania exaltata Colletotrichum truncatum
Puccinia carthami, safflower 6699	nutrients 651	biological control 1652, 3068, 6139,
Pyrenophora graminea, barley 784	respiration 4623 temperature 4623	6944, 8328
Pythium, peas 3621 quarantine 3131, 6297	Senegal Senegal	conidia 8328 Sesbania mosaic virus, Sesbania sesban
Rhizopus, wheat 3251	Afzelia africana, mycorrhizas 1176	4201
Sclerospora graminicola, Pennisetum americanum 2014, 2654	forest trees, <i>Phelbopus sudanicus</i> 94 pines, mycorrhizas 3806	Sesbania rostrata, Agrobacterium tumefaciens, tissue culture 6617
Sclerotinia minor, groundnuts 623	Uapaca guineensis, mycorrhizas 1176	Sesbania sesban
Sclerotinia sclerotiorum	Septobasidium bogoriense, Zanthoxylum	sesbania mosaic virus
cereals 7410 flax 7410	bungeanum 997 Septoria	enzymes 4201 nitrogen 4201
sunflowers 7410	cereals 6438	Setaria
soybean mosaic potyvirus, soyabeans	Convolvulus arvensis 4617 laboratory tests, CGA 173506 6267	barley yellow striate mosaic
6058 squash mosaic comovirus, melons 1586	pines 4451	rhabdovirus Iran 7428
Stenocarpella maydis, maize 5622	Populus 4421	transmission 7428
sugarcane mosaic potyvirus, sugarcane	roses 6591 tomatoes 2899	Setaria italica, Uromyces setariae-italicae varietal reactions 6512
7958 Thecaphora oberwinkleri, Androsace	wheat 278, 1942, 6441, 6444	Setaria pumila, phylloplane fungi, India
fedtschenkoi 215	Septoria alni, Alnus rubra 8080	2111
Thielaviopsis basicola, groundnuts 6894	Septoria apiicola, celery 3604, 3769, 6836 Septoria aracearum, Amorphophallus	Setosphaeria holmii, maize 4057 Setosphaeria rostrata
Tilletia barclayana, rice 7617	campanulatus 3896	Cucumis melo var. momordica 8169
Tilletia controversa, wheat 2606, 5571	Septoria avenae (see Leptosphaeria	laboratory tests, naphthyridines 1713,
Tilletia indica, wheat 1290, 1958 Tilletia laevis, wheat 2606	avenaria) Septoria chrysanthemella, chrysanthe-	7073 morphology 687
Tilletia tritici, wheat 5570, 7456	mums 855, 5708	Pakistan 1655
tobacco mosaic tobamovirus	Septoria citri, citrus 5677	tomatoes 2244
Capsicum 3043 tomatoes 6765	Septoria depressa, citrus 5677 Septoria dipsacicola, Dipsacus mitis 3896	turmeric 7887 Setosphaeria turcica
tobacco streak ilarvirus, Leguminosae	Septoria glycines, soyabeans 3000	Chaetomium globosum, antagonism
3616	Septoria lycopersici Solanum sisymbriifolium 5056	6510 Cochliobolus lunatus, antagonism 6510
Trichoderma longibrachiatum, maize 4071	tomatoes 5056, 7993	Gibberella fujikuroi, antagonism 6510

6 . 1	Cadina haasahlarita	Cail cont
Setosphaeria turcica cont. maize 1338, 1344, 1997-1998, 2642,	Sodium hypochlorite control	Soil cont. fungi cont.
2644-2645, 4057, 4061-4062,	Gremmeniella abietina, pines 1000	fallout 7232
5619, 6500, 7559-7561	Xanthomonas campestris, cauliflow-	Greece 7224
Pennisetum americanum 3300, 5408	ers 8155	host parasite relationships, reviews
sorghum 3297, 6510	Xanthomonas campestris pv.	3172
Shallot latent carlavirus	malvacearum, cotton 4907	hosts 7213
crops 7325	seed treatment	pathogenicity 7213
leeks 2538	asparagus 638	sampling 3902
Shiraia bambusicola, bamboos 4912	cauliflowers 8155	seasonal fluctuations 7224
Shorea compressa	cotton 4907	spread, reviews 3876 Tamil Nadu 7227
mycorrhizas	Sodium metabisulfite control	fungicide residues 576, 7063
growth 61	Aspergillus flavus, groundnuts 8225	Netherlands 3763
Indonesia 61 Shorea pinanga	Aspergillus niger, groundnuts 8225	New Jersey 5776
mycorrhizas	Sodium omadine, activity, Mycosphaerella	persistence 3763, 5792
growth 61	caryigena 3562	reviews 3789
Indonesia 61	Sodium orthophenylphenate	fungicides
Shorea stenoptera	control, Rhizoctonia carotae, carrots	books 1132-1133
mycorrhizas	5141	degradation 3178
growth 61	fungicide residues, citrus 4121	Japan 3178
Indonesia 61	Sodium orthophenylphenoxide, control,	persistence 1705
Shrubs, fungi, RSFSR 8040	Penicillium digitatum, oranges 3312	Fusarium
Sida micrantha, abutilon mosaic	Sodium tetrathiocarbonate, control,	nitrates 7202
geminivirus, isolates 3323	Phytophthora, citrus 4129 Sogatella kolophon, transmission, pangola	rotations 309 South Africa 309, 7225
Sideritis roeseri, Armillaria mellea,	stunt fijivirus 7733	subantarctic 1829
Greece 1434	Soil	survival 7202
Sierra Leone	acid rain, activity 8115	USA 1929
rice Cochliobolus mivabeanus 3305	Acremonium, control 4514	Fusarium culmorum, Lithuanian SSR
rice yellow mottle virus 7595	Agrobacterium, British Columbia 5946	7518
Silene fruticosa, silene mosaic virus, Italy	Agrobacterium tumefaciens	Fusarium oxysporum
3349	biotypes 929	biological control 5697
Silene mosaic virus, Silene fruticosa 3349	Germany 929	California 3854
Silene pratensis	Alternaria solani	colonization 5697
Ustilago violacea	chlamydospores 4377	strains 5697
ecology 8333	inoculum 4377	vegetative compatibility groups
epidemiology 6144	Alternaria tenuissima	3854
flowering 6141	India 5192 survival 5192	Fusarium oxysporum f.sp. albedinis Algeria 7908
host parasite relationships 6141	Aphanomyces euteiches, Queensland	soil salinity 7908
spore dispersal 6144	3366	Fusarium oxysporum f.sp. apii, control
Virginia 6144	beet necrotic yellow vein virus	3602
Sinapis alba	inoculum 3170	Fusarium oxysporum f.sp. ciceris, com-
Albugo candida	Netherlands 3170	petitive ability 8270
environmental factors 4505	carbendazim, determination 4673	Fusarium oxysporum f.sp. cubense
Haryana 4505 varietal reactions 4505	Clavibacter michiganensis subsp.	soil 3875
Singapore, reclaimed land, mycorrhizas	michiganensis, survival 1832	survival 3875
7144	Cochliobolus nodulosus, control 3871	water 3875
Sinningia speciosa	Cochliobolus sativus	Fusarium oxysporum f.sp.
mycoplasma- like organisms, identifica-	fungistasis 7219	cucumerinum
tion 6584	Lithuanian SSR 7518 rotations 7497	estimation 7218 survival 7218
tomato spotted wilt virus	Texas 1299	Fusarium oxysporum f.sp. lini, survival
identification 3350	tillage 1299	1211
indicator species 1270	Cochliobolus victoriae, fungistasis 7219	Fusarium oxysporum f.sp. lycopersici,
Italy 3350	Colletotrichum curcumae	herbicides 5053
transmission 1270	host range 7892	Fusarium oxysporum f.sp. raphani
viruses, identification 6584	India 7892	antagonists 7234
Siphonostegia chinensis	survival 7892	fertilizers 7233-7234, 8145
Cronartium flaccidum f.sp.	copper fundicides	manures 7233-7234
siphonostegium China 2294	residues 1152	soil fungistasis 8145
control 2294	Yugoslavia 1152	Fusarium solani
Sistotrema, Orchidaceae, mycorrhizas 178	Corticium rolfsii	biological control 5697
Sistotrema alboluteum, Germany 3181	biological control 3173	colonization 5697 control 203
Siteroptes avenae, transmission, Fusarium	California 4207 control 4207, 4514	strains 5697
poae 2099	herbicides 310	Fusarium solani var. coeruleum, UK
Sitobion avenae, transmission, barley yel-	survival 3485	2857
low dwarf luteovirus 1989, 2581,	Diplodia pinea, survival 4456	Gaeumannomyces graminis var. tritici
2590, 2620, 5523, 6486-6487	Erwinia carotovora subsp. atroseptica	cropping systems 5580
Sitona hispidulus, interactions, Fusarium,	bacteriophages 3520	France 5580
lucerne 414	strains 3520	rotations 308
Sitona lineatus, transmission, broad bean	USA 3520	suppressive soils 308
mottle bromovirus 3010	Erwinia carotovora subsp. carotovora	Western Australia 308
Small fruits diseases	bacteriophages 3520	Galactomyces citri-aurantii, taxonomy
control 5774	Egypt 1679	3195
Washington 5774	genetic engineering 3087	Gautieria
Verticillium dahliae	strains 3520	mycorrhizas
control 438	survival 3087, 7210 temperature 7210	biochemistry 7112 California 7112
symptoms 438	USA 3520	Oregon 7112
Smilax	fungi	Gibberella zeae, fungistasis 7219
Puccinia oedospora	Argentina 7213	Gigaspora nigra
China 1861	biological control 6355	mycorrhizas
taxonomy 1861	reviews 6357	Assam 3832
Smuts (see Ustilaginales)	control 6265, 7227	seasonal variation 3832
SN 84364, control, Rhizoctonia solani,	edaphic factors 7224	Glomus, mycorrhizas, herbicides 5345
Euphorbia pulcherrima 3335	Egypt 6353	Hysterangium
Soaps, activity, Tilletia tritici 3745	ethylene 8227	mycorrhizas
Sodium chloride, damage, trees 3554	exudates, reviews 3172	biochemistry 7112

Soil cont.	Soil cont.	Soil cont.
Hysterangium cont. mycorrhizas cont.	Phytophthora drechsleri f.sp. cajani cont.	Streptomyces cont.
California 7112	survival 4579	isolates 3113 Trichoderma, Wisconsin 5741
Oregon 7112	Phytophthora nicotianae var. parasitica	Trichoderma harzianum
Jafneadelphus amethystinus, Nether- lands 3184	antagonists 204 irrigation 2674	competition 7235
Macrophomina phaseolina	population dynamics 2674	Israel 3835 Italy 3835
antagonists 3873	rootstocks 4128	Verticillium dahliae
control 7211 culture media 7212	Phytophthora palmivora detection 201	antagonists 5806
estimation 7212	Florida 4135	California 2908, 4207 control 2908, 3864, 3867, 4207,
India 693, 3873	Karnataka 3872	5806
population dynamics 1831 rotations 693	survival 3872	detection 6663
soil amendments 3873	plant pathogens biological control 3868, 6354, 6356,	Ohio 6730
spore germination 7236	6359, 7216-7217, 7223	pathotypes 6730 rotations 7686
survival 3873	Cameroon 4486	UK 6663
methyl bromide, fungicide residues 3759	control 3865, 4486 distribution 5438	Uzbek SSR 7686
microorganisms 3707	Israel 3865	vegetative compatibility groups 6730
Moniliophthora roreri	reviews 7215	virulence 6730
Colombia 273 inoculum 273	rhizosphere fungi 7215 soil fauna 7217	viruses, reviews 1234
mycorrhizal fungi 3143	Plasmodiophora brassicae	wheat spindle streak mosaic virus China 3997
Brazil 1779	control 6000	identification 4794
burning 5343	Kyushu 6000	integrated control 3997
ecology 1779 edaphic factors 7224	temperature 6000 Polymyxa betae	Jiangsu 4794  Xanthomonas campestris pv. campes-
estimation 7101, 7129	inoculum 3170	tris, control 2518
fertilizers 126	Netherlands 3170	Soil amendments
fungicides 158 Greece 7224	Polyscytalum pustulans, UK 2857 Pseudomonas solanacearum	activity
India 679, 1179	enzymes 7014	crops, diseases 3971 Gibberella fujikuroi, maize 7554
intercropping 1179	genetic engineering 7014	Macrophomina phaseolina, maize
Jiangsu 126 Kentucky 7129	Pyrenochaeta lycopersici culture media 2517	7554
Maharashtra 149	isolation 2517	Picea glauca, mycorrhizas 4703 pines, mycorrhizas 4703
reviews 7094	survival 976	Pythium aphanidermatum, pines
Saudi Arabia 3142	Pythium	3578
seasonal fluctuations 7224 storage 5335	control 1077, 4379, 5913 Florida 4379	Rhizoctonia solani, pines 3578 Sclerotium cepivorum, onions 239
Tamil Nadu 166	Israel 5913	control
mycorrhizas	Japan 7214	Gibberella fujikuroi, maize 1992
California 2500 distribution 4713	models 2519	Macrophomina phaseolina, maize 1992
Israel 2500	Pythium aphanidermatum antagonists 3179	pines, damping off 3577
Korea Republic 1765	environmental factors 3179	plant diseases 7404
phosphorus 6312	Mexico 3179	Soil bacteria, antagonism, Heterobasidion
reviews 4713  Penicillium chrysogenum, competition	nutrients 694 suppression 694	annosum 8100 Soil-borne wheat mosaic furovirus
7235	Pythium ultimum	rye 4845
Penicillium pinophilum	antagonists 3179	wheat 2589
control 5913 Israel 5913	California 4207 composts 4741	Soil fauna, interactions, plant pathogens 7217
Pestalotiopsis triseptata	control 4207	Soil fungi
Madhya Pradesh 5404	environmental factors 3179	antagonism
taxonomy 5404 pesticides	Mexico 3179 oospores 3176	Heterobasidion annosum 8100 Pseudomonas 2515
adsorption 6245	soil water 3176	Sclerotinia minor 3869
models 6244	Rhizoctonia oryzae	control, Fusarium oxysporum f.sp.
conferences 6216 controlled release 6246	anastomosis groups 730 temperature 730	dianthi, carnations 4175 flooding 1214
movement 3777, 5274	USA 730	inoculum, models 6358
models 6244	Rhizoctonia solani	laboratory tests
percolation 4669 residues 3783	anastomosis groups 730	composts 3177 plant oils 7226
Phallus impudicus, phosphorus 1213	antagonists 204, 3179 biological control 3173, 6355	sterols 3177
Phanerochaete velutina, phosphorus	composts 4741	Soil fungistasis
1213	control 6820	Cochliobolus sativus 7219 Cochliobolus victoriae 7219
Phialophora gregata culture media 3015	cropping systems 6732 crystals 3593	environmental factors 202
estimation 3015	environmental factors 3179	Fusarium oxysporum f.sp. raphani
Phoma exigua var. foveata, UK 2857	estimation 7222	8145
Phytophthora control 1828	isolates 950 Mexico 3179	Gibberella zeae 7219 leaching 7220
detection 1212	temperature 730	Soil solarization
plant extracts 1828	USA 730	activity
Phytophthora cactorum, Wisconsin 5848	virulence 950 Sclerocystis, Andhra Pradesh 1768	Fusarium, tomatoes 8008 Fusarium oxysporum f.sp. cubense
Phytophthora capsici	Sclerotinia sclerotiorum	bananas 2815
antagonists 204	burning 2733	control
environmental factors 641	control 3874 fertilizers 4307, 7221	Acremonium, cucumbers 4514 Aphanomyces euteiches, spinach
spores 641 survival 641	Hungary 6990	8133
Phytophthora citrophthora	hyperparasites 6990	apples
environmental factors 343	sclerotia 2733 temperature 3874	diseases 4207 replant disease 4208
Italy 343 population dynamics 343	Streptomyces	aubergines, diseases 261
Phytophthora drechsleri f.sp. cajani	chitinase 3113	Capsicum, diseases 4600
India 4579	gene expression 3113	Corticium rolfsii, cucumbers 4514

control cont	applications cont.	Phoma
control cont. cucumbers, diseases 691	oxadixyl 2802	breeding 5966
	pyracarbolid 5624	Moldavian SSR 5966
Fusarium oxysporum, watermelons		Solanum
7231	quintozene 8246	Alternaria solani, resistance 2210
Fusarium oxysporum f.sp. melonis,	thicyofen 6271	
melons 6030	thiophanate-methyl 4184	Phytophthora infestans
Fusarium oxysporum f.sp. niveum,	thiram 8271	Mexico 2199-2200
watermelons 8168	tolclofos-methyl 2057, 6567	races 2200
Fusarium solani	triadimefon 5624	Pseudomonas solanacearum, breeding
faba beans 8201	control	3049
soil 203	Acremonium, cucumbers 4514	Verticillium dahliae, breeding 3049
grapes, diseases 4207	Albugo occidentalis, spinach 1024	viruses
greenhouse crops, diseases 7417	Alternaria brassicicola	Bolivia 7917
Gypsophila paniculata, diseases	cabbages 7081	host parasite relationships 7917
4182	cauliflowers 7081	Solanum betacea, Agrobacterium, genetic
Macrophomina phaseolina, soil	apples, replant disease 4208	transformation 425
7211	Capsicum, diseases 4600, 5209	Solanum khasianum
peaches, replant disease 4208	Cephalosporium maydis, maize	Alternaria tenuissima, Assam 2875
pecans, diseases 4207	2646, 5624	Cercospora solani, India 208
Penicillium pinophilum, tomatoes	Cochliobolus nodulosus 3871	Phomopsis vexans, resistance 6127
5913	Coniferae, diseases 1001	Pseudomonas solanacearum, Indonesia
Phytophthora nicotianae var.	Corticium rolfsii	7853
parasitica, carnations 3963	cucumbers 4514	Solanum laciniatum
plant diseases 7228-7230	wheat 310	Phytophthora infestans
potatoes, diseases 6713, 7913		control 7884
Pyrenochaeta lycopersici, tomatoes	Fusarium, Gladiolus 2705	environmental factors 463
4381	Fusarium oxysporum f.sp. apii, cel-	Himachal Pradesh 463
Pyrenochaeta terrestris, onions	ery 3602	Solanum melongena (see Aubergines)
4591	Fusarium oxysporum f.sp. cepae,	Solanum muricatum
Pythium, tomatoes 5913	onions 4589	potato spindle tuber viroid
Rhizoctonia solani	Fusarium oxysporum f.sp. cubense,	Netherlands 2896
lettuces 6820	bananas 5793	RNA 2896
Phaseolus vulgaris 3963	Fusarium oxysporum f.sp. niveum,	
	watermelons 8168	Solanum nigrum
potatoes 2870	Fusarium solani, aubergines 2418	Phomopsis vexans, resistance 6127
radishes 6820	Gaeumannomyces graminis var.	Pseudocercosporella solanacea
Sclerotinia sclerotiorum, soil 3874	tritici, wheat 6467	taxonomy 7287
Sclerotium cepivorum	Ganoderma lucidum, coconuts 4314	Uttar Pradesh 7287
garlic 8301	horticultural crops, diseases 3962	Solanum sisymbriifolium, Septoria
onions 4591	Jasminum, diseases 4184	lycopersici, resistance 5056
soil, plant pathogens 3865	Macrophomina phaseolina	Solanum surattense, Cercospora solani,
tomatoes, diseases 261, 691, 4364	Cicer arietinum 8271	India 208
vegetables, diseases 4486	cowpeas 8246	Solanum torvum, Phomopsis vexans, resis-
Verticillium dahliae	maize 4860	tance 6127
cotton 7231	Mycosphaerella musicola, bananas	Solanum tuberosum (see Potatoes)
olives 5806	5793	Solanum xanthocarpum, Colletotrichum
tomatoes 2908, 4380		curcumae, India 5844
technology 3862	peaches, replant disease 4208	Solanum xanthocarpus, Phomopsis vexans,
I treatment 3867	peas, diseases 600	resistance 6127
activity	Pelargonium, diseases 2712	Solar heating
peaches, diseases 6642	Phytophthora	control
Rhizoctonia solani, Celosia	raspberries 2802	Didymella lycopersici, tomatoes
argentea 7706	Rhododendron 2718	8017
applications	Phytophthora cactorum 7811	Phytophthora capsici, Capsicum
agrosan 1655	Phytophthora cambivora, chestnuts	3047
benomyl 1655, 4184, 5624, 7806	4411	Solenia nivea, taxonomy 3883
bleaching powder 2646, 4860	Phytophthora capsici, Capsicum	Solomon Islands
Bordeaux mixture 4314	3046	cocoa, Phellinus noxius 275
calcium cyanamide 7700	Polymyxa betae, sugarbeet 5134	coconuts, Marasmiellus 464
captan 1655	potatoes, diseases 936	sweet potatoes, witches' brooms 4610
carbendazim 2057, 2705, 5624,	Pseudomonas solanacearum,	Somalia
7071, 7806, 8246, 8271	groundnuts 8240	Acacia, mycorrhizas 2504
carboxin 1655	Pyrenochaeta lycopersici, tomatoes	
	976, 4381	bananas, postharvest decay 7824
chloropicrin 1001, 1629, 3602,	Pythium, tomatoes 4379	Commiphora, mycorrhizas 2504
4208, 4262-4263, 4379, 7811,	Pythium aphanidermatum, ginger	crops, diseases 4777
8240	7891	Sophora secundiflora, mycorrhizas, Texas
chlorothalonil 2418	Rhizoctonia solani	6299
cresylic acid 5314	chrysanthemums 7700	SOPP (see Sodium orthophenylphenoxide)
cymoxanil 2802	cotton 2057	Sorbus aucuparia
dazomet 1001, 1629, 4262, 4372,		mycorrhizas
4381, 7700, 7806, 7811	ornamental plants 6567	Czechoslovakia 1790
1,2-dichloropropane 4208	potatoes 2870	undergrowth 1790
1,3-dichloropropene 4208	Rhizomonas suberifaciens, lettuces	viruses, Czechoslovakia 2923
dicloran 4184	1629	Sordaria, cherries 4967
etridiazole 2718	Rosellinia necatrix, loquats 7806	Sordaria fimicola
folpet 2802	Scleroderma bovista, sports grounds	cherries 4967
formalin 4206	5314	гісе 5648
fosetyl 2718	Sclerotinia minor, lettuces 8290	Sordaria nodulifera, cherries 4967
iprodione 4184, 8290	soil, plant pathogens 3865	Sordaria tamaensis, cherries 4967
mancozeb 2802, 7071	strawberries, diseases 4263	Sorghum
metalaxyl 54, 1024, 2718, 2802,	tomatoes, diseases 4365	Alternaria, toxins 4074
3046, 4379, 7891	vegetables, diseases 4483	Alternaria alternata
metham-sodium 2518, 3864, 4589	Verticillium dahliae 7811	Bihar 1353
2-methoxyethylmercury chloride	soil 3864	toxins 1353
5793	strawberries 4262	Cercospora sorghi
methyl bromide 936, 1629, 3602,	Xanthomonas campestris pv.	Burkina Faso 2009
3751, 3788, 3863, 3865, 4208,	campestris 2518	epidemiology 2009
4263, 4379, 4381, 4514, 4600,	Solanaceae	inoculation 326
7811, 8168	cucumber mosaic cucumovirus	varietal reactions 326
methylisothiocyanate 4208	Bangladesh 7362	Claviceps africana
organic amendments 1992	serology 7362	taxonomy 7574
- Burno unionamonto 1772	501010g) 130L	taxonomy 7374

orghum cont.	Sorghum cont.	Soyabeans cont.
Claviceps africana cont.	Sclerotinia sclerotiorum cont.	Alternaria alternata cont.
Zimbabwe 7574	seeds 7410	induced mutations 1064
Claviceps sorghi	seedborne fungi	Aspergillus flavus
Africa 3296	control 5629	environmental factors 6879
conidia 804	South Africa 6511	seeds 6879
environmental factors 804, 1355	varietal reactions 6511	Taiwan 6879
histopathology 804	Setosphaeria turcica	toxins 4520
models 1355	environmental factors 3297	varietal reactions 4520
Tamil Nadu 803	phylloplane fungi 6510	bacteria
varietal reactions 803, 6509	Southern Africa 3297	
Cochliobolus lunatus	sorghum red stripe virus	resistance 6874
India 5631	varietal reactions 7566	trypsin 6874
infection 5631	yield losses 7566	bean pod mottle comovirus
seeds 5631	Sphacelotheca cruenta, inoculation 325	infectivity 4519
Colletotrichum graminicola	Sphacelotheca reiliana, varietal reac-	Mississippi 1602
India 7569		RNA 4519
phytoalexins 1357	tions 2649, 4865	transmission 1602
races 7569	Sphacelotheca sorghi breeding 5625	Calonectria crotalariae
seeds 7567	varietal reactions 2649, 4863	herbicides 8211
varietal reactions 7569		symptoms 2370
diseases	sugarcane mosaic potyvirus, plant	varietal reactions 2370
	extracts 6508	Cercospora kikuchii
breeding 1356	Tolyposporium ehrenbergii, Africa	breeding 612, 3640
control 5626	1358	control 3640
Honduras 2007	Xanthomonas campestris pv. holcicola,	epidemiology 3640
Philippines 3295	strains 1359	seeds 612, 615, 3640
seeds 5626	Sorghum bicolor (see Sorghum)	varietal reactions 612
varietal reactions 1354, 1356, 3295	Sorghum halepense, Bipolaris, toxins 2724	Cercospora sojina
yield losses 2007	Sorghum red stripe virus, sorghum 7566	China 6060
Fusarium	Sour oranges	genetics 6060
estimation 7575	Deuterophoma tracheiphila	seeds 5171
toxins 7575	temperature 5673	varietal reactions 5171
USA 1929	translocation 5673	Cochliobolus australiensis
Fusarium oxysporum	Glomus intraradices, mycorrhizas, gas	breeding 1064
growth 7572	exchange 4706	induced mutations 1064
seed germination 7572	South Africa	Colletotrichum truncatum
Fusarium pallidoroseum	bananas, Fusarium oxysporum f.sp.	induced resistance 3014
growth 7572	cubense 2815	seeds 615
seed germination 7572	chicory, Thielaviopsis basicola 6934	
Gibberella fujikuroi	citrus, viruses 7660	serology 3014
control 802	Cyamopsis tetragonoloba, green-sterile	Corticium rolfsii
growth 7572	disease 6904	Nigeria 4549
India 5631	Eichhornia crassipes, Cercospora	testing 6881
infection 5631	piaropi 1647	yield losses 4549
seed germination 7572	Eucalyptus	damping off, control 3017
seeds 5631	fungi 3558	Diaporthe phaseolorum var. caulivora
Gigaspora calospora, mycorrhizas,	Mycosphaerella 5072	environmental factors 8215
nitrogen fixation 4715	Phaeoseptoria eucalyptii 6792	Louisiana 3637
Glomus clarum	forests, diseases 4388	spread 3637
mycorrhizas	grapes	USSR 8214
diazotrophs 5348	Botrytis cinerea 6693	diseases
nitrogen 5348	dieback 2833	antagonists 4550
Glomus intraradices, mycorrhizas, her-	viruses 2824	Austria 2557, 5179
bicides 7131	lucerne, Colletotrichum trifolii 6611	control 1606
Gonatobotrys ramosa, growth stages	maize, viruses 1988	Egypt 3016
3298	Medicago, Fusarium 309	immunodiagnosis 228
Macrophomina phaseolina	mushrooms, La France disease 3031	latent infections 3635
fertilizers 5627	Phaseolus vulgaris, Sclerotinia sclero-	varietal reactions 3016
fungicide tolerance 7568	tiorum 6864	fungicides
Mexico 5627	pines	activity 6877
plant growth regulators 2008	Diplodia pinea 5103, 5952, 8098	India 6877
resistance 5630	diseases 6802	Fusarium
senescence 2008	mycorrhizas 6311	Nematoda 611
sugars 2008	Protea, Botryosphaeria dothidea 2103	seeds 3636
varietal reactions 2008, 4864	soil, Fusarium 309, 7225	toxins 1605
maize stripe tenuivirus	sorghum, seedborne fungi 6511	USA 1929
characteristics 4862	Syzygium cordatum, Mycosphaerella	yield losses 3636
India 4862	marasasii 8083	Fusarium oxysporum
mycorrhizas, India 131	tobacco, Pseudomonas solanacearum	herbicides 5175
Peronosclerospora sorghi	1463	South Dakota 5175
control 327, 5628	wheat	Fusarium solani
enzymes 4076	diseases 3996	Kentucky 613
Tamil Nadu 5628	Fusarium 309	Nematoda 613
varietal reactions 4076	Puccinia recondita 1289	planting date 613
Phoma sorghina	Pyrenophora tritici-repentis 2616	varietal reactions 613, 2368
India 5631	South America	Gibberella
infection 5631	Cyperus, Balansia cyperi 3488	seeds 3636
seeds 5631	Phaseolus, Phoma exigua var. diver-	yield losses 3636
Puccinia purpurea	sispora 4521	Gigaspora margarita
control 2010	Stylosanthes guianensis, Glomerella	mycorrhizas
varietal reactions 2010	cingulata 891	nitrogen fixation 151
yield losses 2010	Vigna, Phoma exigua var. diversispora	water stress 151
Ramulispora sorghi, fertilizers 7571	4521	Glomus
Rhizoctonia solani	Southern Africa, sorghum, Setosphaeria	mycorrhizas
genetics 7570	turcica 3297	fungicides 160
histopathology 2650	Southern bean mosaic sobemovirus	heavy metals 4709
nutrients 4075	cowpeas 627	nutrient uptake 4709
resistance 7570	Phaseolus vulgaris 1056	Glomus etunicatum
symptoms 2650	Soyabeans	mycorrhizas
Sclerotinia sclerotiorum	Alternaria alternata	lime 6320
Romania 7410	breeding 1064	phosphorus 6320

Soyabeans cont.	Soyabeans cont.	Spain cont.
Glomus fasciculatum	Rhizoctonia solani	Corylus avellana, Cryptosporiopsis ta raconensis 6797
mycorrhizas lime 6320	anastomosis groups 6070 enzymes 6854	cotton, Verticillium dahliae 7231
nitrogen fixation 132, 151	epidemiology 2367, 3639	culture collections 2447
phosphorus 6320	Louisiana 2367, 3639	fruit trees, viruses 3373
water stress 151	pathogenicity 6070	melons
Glomus macrocarpum, mycorrhizas,	phosphorus 6066	Fusarium oxysporum f.sp. melonis
growth 138	phytoalexins 6066	8172
Glomus mosseae	Rajasthan 6064 susceptibility 5506	viruses 2339
mycorrhizas	root rots, biological control 7413	yellowing 2340
nitrogen fixation 151 phosphorus 6066	Sclerotinia sclerotiorum	pawpaws, postharvest decay 6679 peaches
phytoalexins 6066	phytoalexins 6880	apple chlorotic leafspot virus 3437
polypeptides 7146	testing 6069	prunus necrotic ringspot ilarvirus
water stress 151	varietal reactions 609, 5172, 6069	3437
Macrophomina phaseolina	seed treatment, nodulation 3012	pears
India 8209	seedborne fungi control 4547	Pseudomonas syringae 3430
spore germination 7236, 8209 temperature 8209	India 595, 5174	Pseudomonas syringae pv. syringa 4250
mycorrhizal fungi	plant growth regulators 6067	viruses 4236
estimation 7129	quarantine 8212	pines, diseases 8092
Kentucky 7129	varietal reactions 5174	pistachios, mycorrhizas 5340
mycorrhizas	Septoria glycines, plant extracts 3000	plant diseases, legislation 2480
growth 3820	soybean dwarf luteovirus	sugarbeet, beet necrotic yellow vein
nitrogen fixation 1760	differentiation 5168 host range 1603	virus 8122-8123
Myrothecium roridum	immunodiagnosis 1062	watermelons
control 2369 phytoalexins 2369	Japan 5169-5170, 8204-8205	Fusarium oxysporum 7231 Fusarium oxysporum f.sp. niveum
ozone, damage 1609	RÑA 5168	8172
Phakopsora pachyrhizi	strains 5168	Sparassis crispa, larch 4442
assessment 3638	transmission 8204-8205	Sparaxis
breeding 1048, 1063	soybean mosaic potyvirus ATP 6875	viruses
hyperparasites 3013, 8216	genetics 1061, 2366, 6057, 8206	cytoplasmic inclusions 4171
hyperparasitism 6065	inclusion bodies 4546	ultrastructure 4171
induced mutations 1048, 1063 Taiwan 3638	induced mutations 1061	Sparganium erectum, Doassansia sparganii, Czechoslovakia 215
Thailand 3013	seeds 6058	Sparganium stoloniferum, Nannfeldtio-
varietal reactions 6068	strains 1604	myces sparganii, Japan 4746
yield losses 6068	temperature 6876	Spartina anglica, Claviceps purpurea,
Phialophora gregata	translocation 1604 varietal reactions 6875-6876	ecology 7743
culture media 3015	storage decay	Spathiphyllum
estimation 3015	control 5517	Cylindrocladium spathiphylli
genetics 608	seeds 5517	control 3351 Italy 3351
host parasite relationships 6071 isoenzymes 8178	toxins 5517	Sphaceloma manihoticola, cassava 1641
taxonomy 8178	sudden death syndrome	Sphaceloma populi, Populus 541
Phoma multirostrata, taxonomy 3194	Kentucky 613	Sphaceloma rosarum, roses 6591
Phomopsis, seed germination 614	Nematoda 613 planting date 613	Sphacelotheca cruenta, sorghum 325
Phomopsis longicolla	varietal reactions 613	Sphacelotheca destruens, Panicum
control 4548	tobacco necrosis necrovirus, hypersensi-	miliaceum 7583
Kansas 4548	tivity 6059	Sphacelotheca fagopyri, buckwheat 7260 Sphacelotheca polygoni-serrulati
models 1065, 4548 seeds 4548, 5173	tobacco ringspot nepovirus	electron microscopy 6350
temperature 1065	breeding 1048	meiosis 6350
Phomopsis phaseoli	induced mutations 1048 viruses	Sphacelotheca reiliana
seeds 6062	resistance 6874	maize 1996, 4068, 5509, 5618, 6494,
varietal reactions 6062	seeds 1591	7564
phyllody, Tamil Nadu 8207	transmission 1591	sorghum 2649, 4865
phytoalexins 6063	trypsin 6874	Sphacelotheca sorghi, sorghum 2649, 4863, 5625
biosynthesis 5167	Turkey 2354	Sphaerophragmium luzonicum, Albizia
elicitors 5165-5166 Phytophthora megasperma f.sp.	Xanthomonas campestris pv. glycines	lebbek 205
glycinea megasperma risp.	control 616	Sphaerophysa salsula
breeding 8208	pathogenicity 5181 Thailand 5181	Thecaphora sphaerophysae
genetics 6878	virulence 5181	taxonomy 1864
host parasite relationships 610	Xanthomonas campestris pv. phaseoli,	Xinjiang 1864
phytoalexins 610, 1608, 2371, 8210	bacteriophages 1066	Sphaeropsidalea, Azmenian SSR 6365
Queensland 8213	Soybean chlorotic mottle caulimovirus,	Sphaeropsidales, Armenian SSR 6365 Sphaeropsis, grapes 2833
soil water 8213 testing 6061	nucleotide sequences 244	Sphaeropsis dalmatica, olives 6686
varietal reactions 6061	Soybean dwarf luteovirus Leguminosae 1603	Sphaerotheca fuliginea
Pseudomonas syringae	soyabeans 1062, 1603, 5168-5170,	Ampelomyces quisqualis, hyperparasi
dispersal 3641	8204-8205	ism 1045
rain 3641	Soybean mosaic potyvirus	cucumbers 582, 1045, 3611-3612, 395
Pseudomonas syringae pv. glycinea	Centrosema macrocarpum 422	3960, 3971, 4515-4517, 5146,
breeding 5180	grain legumes 2354	6837-6838, 6843, 7412 Curcurbitaceae 2993
genetic engineering 3106 genetics 5177, 5180	monoclonal antibodies 3217 nucleotide sequences 3935	Heliotropium indicum 8331
host parasite relationships 2372	soyabeans 1061, 1604, 2366, 4546,	laboratory tests
molecular genetics 2372	6057-6058, 6874-6876, 8206	coumarins 7057
monoclonal antibodies 5178	Spain Spain	imidazoles 1703
races 5178	apples, Penicillium expansum 4229	β-lactams 3120
resistance 3106	Cicer arietinum	quinolines 7059
tillage 4551 varietal reactions 5180	Fusarium 4572	triflumizole 1703  Lagenaria siceraria 1041, 2347
Pythium, Nematoda 611	Fusarium oxysporum f.sp. ciceris 8283	melons 1041, 4517
Pythium ultimum	citrus	pumpkins 1041
varietal reactions 1607	citrus tristeza closterovirus 4123	Sphaerotheca macularis, strawberries
Virginia 1607	Penicillium 2039	4973, 6665, 7814

. L		
phaerotheca mors-uvae black currants 4258-4259, 4970, 5777,	Spore dispersal cont.  Gremmeniella abietina var. balsamea	Sports grounds, Scleroderma bovista, con trol 5314
5779	1560	Spraying equipment 36, 664, 3747, 4152,
gooseberries 5778	models 2534	4880, 5201-5202, 5273, 5286, 6445,
red currants 4969	monitoring 5448	6548, 6647, 6747, 6871, 6965
Ribes 3960	Oidium mangiferae 7832	Spring beauty latent virus
Ribes maximowiczianum 361	plant pathogens 5437	coat proteins 4774
phaerotheca pannosa, roses 3960	Pseudoperonospora humuli 4987	RNA 4774
phaerotheca pannosa var. rosae, roses	Pyrenophora teres 7526	Spruce (see Picea)
6592, 7725	Pyricularia oryzae 4097	Squash leaf curl geminivirus, squashes 104
phaerotheca rosae, roses 361	Schizothyrium pomi 429	Squash mosaic comovirus
phaerotheca stephanandrae, Stephanan-	Ustilago scitaminea 6742	Coleoptera 3212
dra incisa 868	Venturia inaequalis 6628	electrophoresis 3212
phaerulina, Piper methysticum 2177	Venturia pirina 7786	melons 1586
phagnum, Endogone pisiformis, mycor-	Spore germination	Squashes
rhizas, morphology 1795	Alternaria alternata 3374	alfalfa mosaic virus, strains 6840
pilocaea oleaginea, olives 6686	Alternaria brassicae 4501	Alternaria cucumerina, Argentina 685
pilocaea pyracanthae, Pyracantha 3345, 4185	Alternaria zinniae 395	cucumber mosaic cucumovirus
pinach	Aspergillus fumigatus 1720 Aspergillus niger 8299	India 581
Albugo occidentalis	Botryosphaeria obtusa 3397	symptoms 581
control 1024	Botrytis cinerea 190, 3045, 8261	Fusarium solani f.sp. cucurbitae control 6849
varietal reactions 1024	Cladosporium allii 1635	Italy 6849
Aphanomyces euteiches	Cladosporium allii-cepae 1635	Rhizoctonia solani, seed treatment
control 8133	Cladosporium tenuissimum 5947	6853
environmental factors 8133	Claviceps fusiformis 4866	squash leaf curl geminivirus
Japan 8133	Cochliobolus lunatus 7154	detection 1040
beet western yellows luteovirus, resis-	Cochliobolus miyabeanus 3306	transmission 1040
tance 5978	Cochliobolus sativus 7220, 7496	storage decay
Colletotrichum dematium f.sp.	Colletotrichum truncatum 6139	physiology 3609
spinaciae, Ontario 1573	Coniothyrium minitans 2509	susceptibility 586, 3609
cucumber mosaic cucumovirus	Cronartium quercuum 2508	viruses, Mexico 6017
resistance 5978	Cylindrocarpon lichenicola 7154	zucchini yellow mosaic potyvirus
satellite RNA 1259	Didymella bryoniae 3615	Saudia Arabia 6839
symptoms 3203	Erysiphe cruciferarum 4504	transmission 6839
diseases	Erysiphe polygoni 8184	Sri Lanka
breeding 4491	Fusarium oxysporum f.sp. cubense	coffee, Hemileia vastatrix 2050
nomenclature 3073	1813	cowpeas, Phytophthora vignae 3650
fungicide residues, carbamates 4492	Fusarium oxysporum f.sp. cucumer-	grapes, Plasmopara viticola 5814
Peronospora farinosa	inum 7220	groundnuts, Pseudomonas
Japan 5979 races 5979	Fusarium oxysporum f.sp. lycopersici	solanacearum 8236
Peronospora farinosa f.sp. spinaciae	1720 Fusarium solani 7154	Phytophthora meadii 2526
races 6828	Fusarium solani f.sp. pisi 7220	rice, seedborne fungi 5648 rubber, diseases 7944
USA 6828	Gibberella fujikuroi 1201	sugarcane, diseases 7954
varietal reactions 6828	Gigaspora margarita 1189	tea, diseases 491, 7969
Phytophthora cryptogea, Sweden 3223	Gliocladium virens 7194	vegetables, diseases 2313
Pseudomonas, host parasite relation-	Glomerella cingulata 4278	SSF-109
ships 5265	Glomus mosseae 2501, 5342, 5344	activity, Botrytis cinerea 4676, 6270
Rhizoctonia solani, air pollution 5977	Gymnosporangium fuscum 904	synthesis 6270
soil bacteria, host parasite relationships	Gymnosporangium juniperi-virginianae	Stachybotrys chartarum, hyperparasitism,
5265	7156	Rhizoctonia solani 692
pinach beets, beet cryptic 1 cryptovirus,	Macrophomina phaseolina 7236, 8209	Stachybotrys elegans, hyperparasitism,
mesophyll 5128	Mortierella 7220	Rhizoctonia solani 692
pinach mosaic virus	mycorrhizal fungi 668, 5335, 5343	Stachylidium bicolor, hyperparasitism,
Chenopodium amaranticolor 2328	Myrothecium leucotrichum 7154	Rhizoctonia solani 692
laboratory tests, plant extracts 6416	Peronospora parasitica 2979, 6001	Stagonospora, Lolium perenne 2116
Nicotiana glutinosa 2328	Phytophthora drechsleri f.sp. cajani	Stagonospora meliloti, CMI descriptions
piroplasma avocados 1894	3839	5414 Strangeroug sasahari sugarana 2224
barley 7512	Plasmopara viticola 2835 Puccinia graminis 5550	Stagonospora sacchari, sugarcane 2224, 3525
citrus 1894	Puccinia punctiformis 2428	Starch dextrin solution, control, Sphaer-
piroplasma chinense, Calystegia heder-	Puccinia recondita 5550	otheca fuliginea, cucumbers 6843
acea 1923	Pyricularia penniseti 7576	Stelis
piroplasma citri	Pythium ultimum 3176	bean yellow mosaic potyvirus
cloning 4775	Sclerospora graminicola 809	control 2098
enzymes 1920	Sphacelotheca reiliana 7564	genetics 2098
genetic transformation 4775	Suillus 112	transmission 2098
immunology 1922	Tilletia indica 7481	Stemphylium
serology 4776, 7395	Tranzschelia discolor 2132	asparagus 639
spiralins 1922	Trichoderma pseudokoningii 7194	coconuts 7901
piroplasma kunkelii	Trichoderma viride 7194	Lotus tenuis 7762
culture media 5500	Uncinula necator 4287	lucerne 5729
maize 6493	Uredinales 6338	Stemphylium botryosum f.sp. lycopersici,
podoptera ornithogalli	Uromyces viciae-fabae 6056	tomatoes 4376  Stemphylium loti, Lotus tenuis 7762
interactions 4107	Ustilago scitaminea 4341	Stemphylium lycopersici, tomatoes 970
Fusarium, lucerne 4197	Sporgon, control, Sphaerotheca macularis,	Stemphylium rosarium, taxonomy 3886
Fusarium oxysporum 6609 pondias dulcis	strawberries 6665 Sporisorium arthraxonis, Arthraxon lance-	Stemphylium sarciniforme, clovers 7748
Xanthomonas campestris	olatus 7260	Stemphylium solani
Martinique 2821	Sporobolomyces roseus, control, Alternaria	Carthamus 5833
strains 2821	porri, onions 3670	sporulation 5378
pongospora subterranea, potatoes 3221,	Sporobolus fertilis	Stemphylium vesicarium
5885	Uromyces tenuicutis	mangoes 4277
pongospora subterranea f.sp. nasturtii,	Arunachal Pradesh 7238	onions 6924
watercress 6112	taxonomy 7238	tomatoes 2901, 3549
pore dispersal	Sporobolus poiretti	Stenella
Alternaria macrospora 6562	Balansia epichloe	Proteaceae 7273
Colletotrichum acutatum 3454-3455	host parasite relationships 1393	Wikstroemia 7275
Corynespora cassiicola 4999	Louisiana 1393	Stenella crotalariicola, Crotalaria 7253

Stenella mahoniae, Mahonia nepalensis	Storage decay cont.	Strawberries cont.
7237 Standaganalla magazasnara maiza 2002	groundnuts 1073, 1075, 1612, 8225 guavas 7415	Nectria radicicola California 4263
Stenocarpella macrospora, maize 2002 Stenocarpella maydis, maize 1339, 5622	lettuces 4586	control 4263
Stenotaphrum secundatum	Litchi chinensis 5800	pallidosis
panicum mosaic virus, varietal reac-	maize 799, 1337, 1349, 2002-2003,	growth 918
tions 401	5614 mandarins 2038	RNA 3453 Phytophthora cactorum
Puccinia stenotaphricola, Australia 405 root rots	mangoes 4276-4277, 7415	control 4975
Florida 3355	medicinal plants 4300	epidemiology 4975
fungi 3355	melons 6846	estimation 2144
sugarcane mosaic potyvirus, New South	nectarines 2794	Italy 6666
Wales 2107 Stephanandra incisa, Sphaerotheca	onions 2311, 8298-8299 oranges 2677, 3312, 3315, 5675	mulches 2803 rain 2803
stephanandrae, Japan 868	ornamental plants 5700	spread 2803
Stephanitis typica, transmission,	pawpaws 5799	Phytophthora fragariae
mycoplasma-like organisms 2183	peaches 1417	oospores 4974
Sterculia urens, fungi, gums 1846 Stereostratum corticioides, bamboos 546,	pears 1415, 2776, 5764, 6621, 6639- 6640, 7788	sporangia 4974
995	peas 6860	varietal reactions 919, 4974 plant extracts, antiviral properties 320
Stereum gausapatum, Quercus 2265	persimmons 447	Pythium irregulare
Stereum hirsutum, olives 6687	potatoes 952, 2187, 2859, 2873, 3498,	California 4263
Stereum ostrea, Quercus 2265	3516, 4321, 4332, 5856, 5886,	control 4263
Sterols, activity, soil fungi 3177 Stigmina bauhiniae, Bauhinia variegata	6722, 7941 Pyrus pyrifolia 7787	Pythium ultimum California 4263
1842	rice 2020-2021, 6520, 7598	control 4263
Stigmina carpophila	sesame 5517	Rhizoctonia solani
almonds 913	soyabeans 5517	Korea Republic 439
cherries 4938	squashes 586, 3609	temperature 439
Stilbenes activity	stone fruits 4961 strawberries 440	soil sickness, diagnosis 1406 Sphaerotheca macularis
Botrytis cinerea 2511	Strychnos nux-vomica 5847	control 6665
Phomopsis viticola 2511	sugarbeet 2973, 5972	environmental factors 6665
Stipa leucotricha, Atkinsonella texensis,	swedes 1575, 5980	Taiwan 6665
taxonomy 2118 Stokesia laevis, Diaporthe phaseolorum,	sweet potatoes 4613 tangelos 1374, 2036	Ukrainian SSR 4973
biology 934	tobacco 498-499, 4360	varietal reactions 4973 storage decay, control 440
Stomatogene lycopodii, Lycopodium	tomatoes 2244, 2250, 2311, 2897,	strawberry crinkle rhabdovirus, elimi-
cernuum 698	4378, 4382, 6776, 7415, 8004	nation 7813
Stone fruits	Trichosanthes dioica 8119	strawberry mottle virus, elimination
Armillaria luteobubalina control 3769	Vaccinium 3450, 6655 vegetables 572, 5503	7813 Verticillium dahliae
Queensland 3769	Vigna radiata 2355	detection 6663
diseases	wheat 1282, 5517, 7447	soil treatment 4262
Arab countries 719	Storage disorders	UK 4262, 6663
control 4960, 5739, 6268	apples 903, 1413-1414, 2128, 2772,	viruses
Washington 4960, 5739 Leucostoma persoonii	6636-6637 grapefruits 1375	control 7812 detection 7812
California 5768	oranges 1375	USA 7812
Nematoda 5768	pears 906	Strawberry crinkle rhabdovirus, strawber-
Monilinia, India 893 Monilinia fructicola, Washington 6641	vegetables 6823 Storite clear liquid, control, Fusarium	ries 7813
Monilinia laxa, Washington 6641	oxysporum f.sp. narcissi, Narcissus	Strawberry mottle virus, strawberries 781 Street trees
Mucor	7717	abiotic injuries
California 4961	Strasseria oxycocci, Vaccinium 2138	diagnosis 5065
storage 4961	Strawberries	symptoms 5065
temperature 4961 Pseudomonas syringae	Alternaria alternata, toxins 3374 Botrytis cinerea	Streptococcus, coffee 4145 Streptocycline
California 5768	biological control 4261, 6664	control
Nematoda 5768	control 441, 724, 3971, 4260-4261	Xanthomonas campestris pv.
viruses	epidemiology 724	cucurbitae, cucumbers 8176
Greece 2741 Mediterranean countries 907	fungicide tolerance 4260-4261	Xanthomonas campestris pv. prun 2796
Middle East 907	harvesting date 5780 soil amendments 3971	Xanthomonas campestris pv.
varietal reactions 4937	Ukrainian SSR 4973	vignicola, cowpeas 3653
Storage decay	varietal reactions 4973	seed treatment
apples 2760, 4228-4229, 4956, 5752,	Colletotrichum acutatum rain 3454-3455	cauliflowers 8155
5754, 5757-5759, 6621-6622, 6632-6633, 7777	spore dispersal 3454	Cicer arietinum 2389 Streptomyces
Areca catechu 5855	spread 3455	antagonism
aubergines 8119	diseases	Dothiorella gregaria 2930
avocados 4268	California 7814	Fusarium oxysporum f.sp. ciceris
bananas 4978 cabbages 2978	control 4972, 7811 Mexico 5781-5782	8273-8274 Macrophomina phaseolina 3873
carrots 2985, 5141	USSR 4972	Macrophomina phaseolina 3873 plant pathogens 2478
cereals 738, 1935	Glomerella cingulata	carrots 1585
Cicer arietinum 2383, 6091	inoculation 1420	control
citrus 2039, 2676, 4141	seedling age 1420	Cochliobolus sativus, cereals 3991
cocoa 7421 coffee 6542	testing 1420 Glomus intraradices	Fusarium culmorum, cereals 3991 Fusarium udum, pigeon peas 826
Coriandrum sativum 5823	mycorrhizas	Macrophomina phaseolina
cowpeas 2355, 8244	cultural methods 3141	sunflowers 3957
cucumbers 2311	phosphorus 3141	Vigna radiata 3957
Cucumis melo var. momordica 8169 Cucurbitaceae 585	June yellows, RNA 3452	root rots, crops 7413
Datura metel 7888	mycorrhizas growth 1778	Verticillium dahliae, aubergines 2422
Docynia indica 7709	varietal reactions 2498	Xanthomonas campestris pv.
fruit 5503	yields 2498	oryzae, rice 824
garlic 1091, 2311	Mycosphaerella fragariae	potatoes 2214
ginger 5843 grapes 2158, 4291, 5811, 7844	Ukrainian SSR 4973 varietal reactions 4973	radishes 1028 soil 3113

Streptomyces acidiscabies	Stylosanthes guianensis	Sugarbeet cont.
carrots 5514	Glomerella cingulata	beet yellows closterovirus
potatoes 5514	breeding 886	forecasting 1022
radishes 5514	host parasite relationships 890	models 5126
sugarbeet 5514	induced mutations 886	RNA 2972
swedes 5514	infection 890	spectroscopy 2538
turnips 5514	isoenzymes 891	spread 1022
Streptomyces arabicus, antifungal proper-	isolates 2124	strains 2972
ties 666	pathogenicity 2124	transmission 5126
Streptomyces diastaticus, control, Cor-	Peru 2124	UK 1022
ticium rolfsii, barley 787	South America 891	yield losses 1022
Streptomyces exfoliatus, production,	variation 891	Cercospora beticola
antibiotics 7083	virulence 891	breeding 2973
Streptomyces graminofaciens, control,	mycorrhizas	control 6268
greenhouse crops, diseases 3964	growth 6327	host parasite relationships 3590
	lime 6327	Italy 2974
Streptomyces griseoviridis	phosphorus 6327	pathogenesis-related proteins 8131
control	Stylosanthes hamata	resistance 5131
Alternaria brassicicola	Glomerella cingulata	varietal reactions 2974
cabbages 7081	Australia 6616	Corticium rolfsii
cauliflowers 7081	varietal reactions 6616	herbicides 5975
soil 7081	Stylosanthes scabra	metabolism 5975
Streptomyces griseus, antagonism,	Glomerella cingulata	damping off, biological control 2325
Fusarium oxysporum f.sp. ciceris	host parasite relationships 890	diseases
8274	infection 890	aerial photography 1886
Streptomyces griseus var. autotrophicus,	Queensland 4202	breeding 2970, 4487, 5124, 8130
control, Fusarium oxysporum f.sp.	resistance 4202	environmental factors 3586
officinalis, asparagus 8304	Stysanus, antagonism, Pleurotus 1089	USSR 2970, 3586, 8130
Streptomyces lavendulae var. hainensis,	Subterranean clover red leaf virus, Cicer	resistance 5974
activity, Erwinia carotovora subsp.	arietinum 2380	Erysiphe betae
carotovora 1583	Succisa pratensis	forecasting 3591
Streptomyces parvullus	Ustilago succisae	UK 3591
control	anthers 3182	weather 3591
Phytophthora capsici, Capsicum	Germany 3182	Fusarium
6122	Sudan	Canada 5133
Phytophthora nicotianae var.	cotton, cotton leaf curl virus 4159	
parasitica, Capsicum 6122	cowpeas, peanut stunt cucumovirus	pathogenicity 5133 USA 5133
production, antibiotics 6122	2376	
Streptomyces scabies	sesame, seedborne fungi 4304	varietal reactions 5133
carrots 5514	Sugar beet mosaic potyvirus, sugarbeet	Fusarium oxysporum f.sp. betae Egypt 4490
molecular genetics 5271	4489, 5970	
potatoes 482, 938, 5514, 6733	Sugarbeet	varietal reactions 4490
radishes 5514		Fusarium solani
	Aphanomyces cochlioides, seed treat-	herbicides 5975
sugarbeet 5514	ment 2324	metabolism 5975
swedes 5514	Aspergillus fumigatus	Gigaspora margarita, mycorrhizas, ho
turnips 5514	storage 5972	specificity 176
Streptomycin	susceptibility 5972	Peronospora schachtii, breeding 5973
activity	beet cryptic 1 cryptovirus, mesophyll	Pleospora betae
Phytophthora nicotianae var.	5128	breeding 5132
parasitica 3153	beet cryptic 2 cryptovirus, phloem 5128	control 5135
Pseudomonas solanacearum 3793	beet mosaic potyvirus, control 3588	Polymyxa betae
control	beet necrotic yellow vein virus	biological control 5134
, Erwinia amylovora	breeding 4488	control 8125
apples 2751, 3400-3401	detection 2317	detection 2316
Cotoneaster salicifolius var.	genetic transformation 8121	elimination 8125
floccosus 3088	host range 8122	factory effluents 2316
pears 2751-2752, 2782, 3414,	IAA 3589	immunodiagnosis 8126
3418, 4246, 4249	immunodiagnosis 8126	interactions 5125
Erwinia carotovora subsp.	inoculum density 6826	soil temperature 5976
carotovora, radishes 3600	irrigation 6826	Pythium
Piper betle, diseases 1436	Japan 2322	biological control 2975-2976
Pseudomonas solanacearum, pota-	Kazakh SSR 3587	seed treatment 2324
toes 2217	Netherlands 6826	Ramularia beticola
resistance	nutrition 2323	control 2326
Pseudomonas syringae pv. papulans	reports 2321	Japan 2326
4234, 6634	RNA 8124	Rhizoctonia, environmental factors
Xanthomonas campestris pv.	roots 5130	2327
malvacearum 7027	selection 5130	Rhizoctonia cerealis
Xanthomonas campestris pv. vesi-	Spain 8122-8123	anastomosis groups 3592
catoria 663, 6210	symptoms 2323, 8124	Irish Republic 3592
Streptomycin sulfate, activity,	testing 8129	pathogenicity 3592
Pseudomonas solanacearum 5264	transmission 5129	Rhizoctonia solani
Stromatinia gladioli, Gladiolus 6581	UK 2321, 5129	anastomosis groups 3592
Strossmayeria, taxonomy 4749	varietal reactions 1023, 2317, 3589,	breeding 5132
Strychnos nux-vomica	5968, 8129	crystals 3593
phylloplane fungi	yield components 5130	Egypt 4490
environmental factors 7890	yield losses 2322, 5129	Irish Republic 3592
Karnataka 7890	beet soil-borne virus	pathogenicity 3592
rhizosphere fungi	RNA 8127	varietal reactions 4490
environmental factors 7890	serology 2319, 8127	seed treatment, Czechoslovakia 6827
	beet western yellows luteovirus	storage decay, breeding 2973
Karnataka 7889-7890	detection 8128	Streptomyces acidiscabies, pathogenic
seedborne fungi	forecasting 1022	ity 5514
environmental factors 5847	monoclonal antibodies 8128	Streptomyces scables, pathogenicity
storage 5847	reports 2321	5514
Stylosanthes	serology 2320, 5969	sugar beet mosaic potyvirus
Glomerella cingulata	spectroscopy 2538	immunodiagnosis 4489, 5970
Australia 1405	spread 1022	Kazakh SSR 5970
genetics 887	UK 1022, 2321	Thanatephorus cucumeris
restriction fragment length polymor-	vectors 4764	control 5136
phism 1405	yield losses 1022	epidemiology 5136

Sugarbeet cont.	Sugarcane cont.	Suillus tomentosus
Thanatephorus cucumeris cont.	Puccinia melanocephala cont.	Picea glauca, mycorrhizas 670
Japan 5136	serology 6737	pines, mycorrhizas 670
viruses	sporulation 5031	Suillus variegatus
breeding 4487	toxins 6738	aluminium 5319
control 6421, 6824	urediospores 6740-6741	cytokinins 98
Germany 2971, 6421	Ramu stunt, Papua New Guinea 7956	enzymes 1794
immunodiagnosis 5127	Stagonospora sacchari	laboratory tests, aluminium 74
interactions 5125	control 2224	nitrogen metabolism 1794
spatial distribution 5127	Indonesia 2224	Picea abies, mycorrhizas 4694
UK 6824	varietal reactions 2224	pines, mycorrhizas 114, 1161-1162,
vectors 6421, 6824	yield losses 2224	6304
Sugarcane	sugarcane mosaic potyvirus	Sulfadimidine, control, potatoes,
Arthrinium, toxins 2223	control 483	mycoplasma-like organisms 5017
Bipolaris sacchari, varietal reactions	elimination 7957	Sulfex
5897	seeds 7958	activity, mycorrhizas 156
Cephalosporium sacchari	serology 960	control
Gujarat 4340	Taiwan 960, 7414	Oidium tingitaninum, mandarins
Nematoda 4340	tissue culture 7957	7675
Ceratocystis paradoxa		Sphaerotheca fuliginea,
biochemistry 4342	varietal reactions 7414, 7955	Cucurbitaceae 1041
control 2221, 6739	yield losses 7958	Sulfoanilide, activity, Mycosphaerella cary-
Florida 2221	sugarcane streak geminivirus, taxonomy 5894	igena 3562
isolates 4342		Sulfonylchalcones
physiology 7411	Ustilago scitaminea	
Clavibacter xyli subsp. xyli	biochemistry 4343, 5901	activity
culture media 4347	Brazil 486	Alternaria alternata 6257
diagnosis 2885-2886	control 487, 5895, 7965	Cochliobolus lunatus 6257
harvesters 489	diagnosis 1449	Sulfonylcyclohexenones
histochemistry 490	environmental factors 4341	activity
	enzymes 1449	Alternaria alternata 6257
Louisiana 3527, 5902	epidemiology 486	Cochliobolus lunatus 6257
monoclonal antibodies 4347	Florida 5032, 7963, 7966	Sulfur
spread 5902	growth stages 5900	control
transmission 489	inoculation 5899	Alternaria solani, potatoes 6731
varietal reactions 3527	Louisiana 6742	Erysiphe cichoracearum, potatoes
yield losses 3527	models 7966	2878
diseases	resistance 5901	Erysiphe polygoni, Cuminum
Colombia 1114	spore dispersal 6742	cyminum 4301
epidemiology 5893	spore germination 4341	Oidium, peas 6034
Indonesia 7954	spread 7963	Oidium anacardii, cashews 7911,
Papua New Guinea 7954	varietal reactions 486, 5032, 5898	8082
Sri Lanka 7954	yield losses 5032, 5900	Oidium heveae, rubber 7951
Taiwan 3525	wilt	Venturia inaequalis, apples 897
Tamil Nadu 5893	control 3526	phytotoxicity, melons 8164
varietal reactions 3525	environmental factors 3526	seed treatment, soyabeans 3012
Gibberella fujikuroi	Xanthomonas albilineans	Sulfur dioxide
culture 5030	control 962	activity
Gujarat 4340	harvesters 489	Abies alba 2283-2284
Karnataka 485	India 4346	avocados 2812
Nematoda 4340		barley 4049-4050
varietal reactions 488	monoclonal antibodies 4348	diseases 1972
Glomerella tucumanensis	spread 4346	phylloplane fungi 1973
biochemistry 7961	Taiwan 3525, 4348	Betula pendula 2925
enzymes 7962	transmission 489	
Haryana 7960	Xanthomonas campestris pv.	Botrytis cinerea, grapes 926
India 4344-4345, 5034	vasculorum	Eucalyptus gomphocephala 6793
inoculation 484, 5033, 7960	races 7968	faba beans 1601
insects 2884	restriction fragment length polymor-	forest trees 4399-4401, 4406
Louisiana 2884	phism 7968	mycorrhizas, grasslands 1190
pathotypes 7960	Sugarcane mosaic potyvirus	Phleum pratense, mycorrhizas 1784
races 5034	coat proteins 3525	Picea abies 564, 567
selection 961	maize 2637, 4850	Picea omorika 1019
sporulation 5896	purification 252	Picea sitchensis 4471
spread 4344	serology 3525	pines 6807
temperature 4345	sorghum 6508	mycorrhizas 93
varietal reactions 4345, 5033-5034,	Stenotaphrum secundatum 2107	Uromyces viciae-fabae, faba beans
7962	sugarcane 483, 960, 7414, 7955, 7957-	3011
virulence 5896	7958	control, Botrytis cinerea, grapes 6693
yield losses 2884	Sugarcane streak geminivirus, sugarcane	damage
Glomus clarum	5894	Abies alba 4436
mycorrhizas	Suillus, pines, mycorrhizas 112, 3799	barley 3993
diazotrophs 5348	Suillus Bovinus	faba beans 4545
nitrogen 5348	culture media 4698	Picea abies 3584, 4436, 4470, 4472
grassy shoot	pines, mycorrhizas 88, 90, 1161-1162,	Populus deltoides 2271
	3811	wheat 3993
biochemistry 5029 histopathology 5029	Suillus cavipes, Picea mariana, mycor-	monitoring, Germany 658
	rhizas 1758	Sumisclex, seed treatment, onions 8300
mycoplasma-like organisms 5029 Leptosphaeria sacchari	Suillus granulatus	Sumitomo S.0208, control, Erwinia
	copper 99, 2493	amylovora, apples 4230
environmental factors 7964 Puerto Rico 7964	pigmentation 2493	Sunflower yellow blotch virus, groundnuts
	pines, mycorrhizas 116, 6310	6886
varietal reactions 7964	siderophores 4708	Sunflowers
maize dwarf mosaic potyvirus		
serology 960	Suillus grevillei Coniferne mycorphiaes 1743	Alternaria, seeds 7875
Taiwan 960	Coniferae, mycorrhizas 1743	Alternaria alternata
Puccinia melanocephala	larch, mycorrhizas 110, 2489, 7096	seeds 3968
biochemistry 6740	Picea abies, mycorrhizas 2489	toxins 3968
fertilizers 7967	pines, mycorrhizas 110, 2293	varietal reactions 3968
host parasite relationships 6737	Suillus luteus, inoculum 106	Alternaria helianthi, susceptibility 5840
immunodiagnosis 7959	Suillus pictus	Aspergillus parasiticus
inoculation 2222	copper 2493	seeds 2174 toxins 2174
nutrition 7967	pigmentation 2493	

Sunflowers cont.	Sweden cont.	Switzerland cont.
Botrytis cinerea	Ulmus, Inonotus ulmicola 2263	Picea abies
control 6701	wheat	decline 6306
rain 6701 UK 6701	Phytophthora cryptogea 3223	mycorrhizas 82, 6306
Corticium rolfsii	Tilletia controversa 5571 Tilletia tritici 5570	pines, ozone 6806
Egypt 6703	Swedes	plant diseases, legislation 667, 2480 potatoes, <i>Phytophthora infestans</i> 2865
Nigeria 5841	Botrytis cinerea	wheat
oxalic acid 6703	calcium 6832	Leptosphaeria nodorum 6461
Diaporthe helianthi, toxins 6704	host parasite relationships 6832	Mycosphaerella graminicola 6461
diseases	Erysiphe cruciferarum, Ontario 5985	Sydowia polyspora, pines 1536
Austria 2557 biological control 6702	Phytophthora	Symposia (see Conferences)
breeding 5000, 5004	storage 1575 UK 1575	Syncephalastrum racemosum, lemons 7661
California 5839	Streptomyces acidiscabies, pathogenic-	Synchytrium decipiens, Amphicarpaea bracteata 4779, 6142
control 457	ity 5514	Synchytrium dolichi, cowpeas 3021
India 3961	Streptomyces scabies, pathogenicity	Synchytrium endobioticum, potatoes 949,
nomenclature 3073	5514	2201, 3221, 5021, 7934
Erwinia nigrifluens, Iran 1438	turnip mosaic potyvirus	Syria
Macrophomina phaseolina	control 6829	Cicer arietinum, Ascochyta rabiei
biological control 1830, 3957	glucosinolates 5980	3658, 5189
control 7879	Ontario 6829	wheat, diseases 3241
environmental factors 1830	storage 5980	Syringa, mycoplasma-like organisms,
Germany 7879 isolates 5842	transmission 6829	witches' brooms 4919
pathogenicity 5842	Sweet corn (see Maize) Sweet potato feathery mottle potyvirus,	Syringa reticulata, Microsphaera syringae China 361
seed treatment 3957	sweet potatoes 645, 4612	Syringa vulgaris (see Lilac)
seeds 2176	Sweet potato leaf curl bacillivirus, sweet	Systhane, control, Diplocarpon rosae, rose.
symptoms 7879	potatoes 8321	7726
varietal reactions 5842	Sweet potatoes	Syzygium aromaticum (see Cloves)
yield losses 2176	Acaulospora rugosa, mycorrhizas,	Syzygium cordatum
nickel, toxicity 7880	phosphorus 5330	Mycosphaerella marasasii
Plasmopara halstedii	Botryodiplodia theobromae	South Africa 8083
Andhra Pradesh 2172	ascorbic acid 8120	taxonomy 8083
control 2173, 6705	phenolic compounds 8120	Tagetes erecta
Ethiopia 456	cucumber mosaic cucumovirus infection 4611	Alternaria tagetica
genetics 5835 India 4309	Israel 4611	Indian Punjab 5717 seeds 5717
inoculation 7872	diseases	Alternaria zinniae
inoculum density 7876	books 1109	culture media 7729
phytoalexins 6705	Philippines 1109	hosts 2105
reviews 4309	Gibberella baccata	seeds 2105
sowing date 456	Louisiana 1110	Glomus mosseae, mycorrhizas, ade-
testing 5838	North Carolina 6130	nosinetriphosphatase 6317
Puccinia helianthi, races 459	Glomus clarum	plant extracts, antifungal agents 2019
Pythium aphanidermatum, control	mycorrhizas	Tahiti, Anthurium, Xanthomonas campes-
7064	diazotrophs 5348	tris pv. dieffenbachiae 2075
root rots, biological control 7413	nitrogen 5348	Taiwan
Sclerotinia sclerotiorum	Glomus etunicatum, mycorrhizas, phosphorus 5330	bananas, Fusarium oxysporum f.sp. cubense 3468
breeding 5002-5003, 5837, 7873 Canada 458	mycorrhizal fungi, inoculation 3828	cabbages, Leptosphaeria maculans
control 455	mycorrhizas	2433
epidemiology 458, 7877	phosphorus 125	Capsicum
fertilizers 4307	varietal reactions 3817	Phytophthora capsici 5516
genetics 5001	storage decay, control 4613	Xanthomonas campestris pv. vesi-
phenolic compounds 5002	sweet potato feathery mottle potyvirus	catoria 3970, 6211
reviews 455	Ontario 4612	carnations, Phytophthora 4176
Romania 7410, 7877	seeds 645	Cercospora 1834-1836, 5412
sclerotia 458	transmission 645, 4612	Chinese cabbages, Peronospora parasit
seed treatment 6427	sweet potato leaf curl bacillivirus	ica 1581 chrysanthemums, Rhizoctonia solani
seeds 7410	characteristics 8321 Japan 8321	7700
testing 5836 varietal reactions 5837	transmission 8321	citrus, greening 6534
seedborne fungi	viruses	crops, viruses 3917
detection 7874, 7878	inclusion bodies 3917	Cucurbitaceae, zucchini yellow mosaic
Iran 4308	Taiwan 3917	potyvirus 2988
seed germination 7400	varietal reactions 1644	culture collection catalogues 6991
toxins 7400	yield losses 1644	Cyclobalanopsis stenophylloides,
Sunn-hemp rosette virus, Cyamopsis	witches' brooms, Solomon Islands 4610	Bagcheea taiwanensis 7264
tetragonoloba 6081	Switzerland	Echinochloa crus-galli, echinochloa
Surfactants	Abies alba, decline 5092	ragged stunt virus 1111
activity	apples, mycoplasma-like organisms 3392	grapes Glomerella cingulata 4293
Colletotrichum orbiculare 191 tobacco mosaic tobamovirus 2230	Arabidopsis thaliana, diseases 1650	Greeneria uvicola 4294
wheat 2466	chestnuts, Cryphonectria parasitica	loquats, Rosellinia necatrix 7806
control	1509	maize
lettuce big-vein virus, lettuces 5194	Erwinia amylovora, quarantine 2455	Aspergillus flavus 6505
Olpidium brassicae, lettuces 5194	Eryngium alpinum, Entyloma eryngii	maize dwarf mosaic potyvirus 7414
Swaziland, sorghum, Claviceps sorghi 3296	862	7549
Sweden	Fagus sylvatica, Armillaria mellea	maize stripe tenuivirus 4055
Fagus sylvatica, air pollution 531	1505	peas, Fusarium oxysporum f.sp. pisi
Laccaria 3133	Festuca pratensis, Acremonium	6859 potatoes, potato Y potyvirus 4319
pesticides, man 5308	uncinatum 4191 forests decline 1482 1494-1495 4403	Pseudocercospora 1836
Cronartium flaccidum 1541	forests, decline 1482, 1494-1495, 4403 fungicides, usage 3788	rice
Cronartium flaccidum 1541 mycorrhizas 3811	grapes, chlorosis 1432	rice stripe tenuivirus 2433
plant diseases, legislation 2480	Juniperus, Gymnosporangium fuscum	Ustilaginoidea virens 4107
potatoes, Erwinia 7935	904	Salix babylonica, Ganoderma
Salix viminalis, Melampsora epitea	leeks, Cladosporium allii 3034	microsporum 2272
5945	onions, Cladosporium allii-cepae 3034	Sclerocystis liquidambaris 1764
spinach, Phytophthora cryptogea 3223	pears, Gymnosporangium fuscum 904	Sclerocystis taiwanensis 1764

Taiwan cont.	Taxonomy cont.	Taxonomy cont.
soyabeans	Aphanostigme fabacearum 7283	Fusarium oxysporum f.sp. radicis-
Aspergillus flavus 6879	Aphyllophorales 5409	lycopersici 8011
Phakopsora pachyrhizi 3638	Aristastoma camarographioides 7289	Fusarium oxysporum f.sp. vasinfectu
strawberries, Sphaerotheca macularis	Armillaria 3190	1817
6665	Arthrobacter 3085	Fusarium poae 6372
sugarcane	Arthrographis pinicola 4449	Fusarium solani f.sp. aleuritidis 996
diseases 3525 maize dwarf mosaic potyvirus 960	Ascochyta 7245	Fusarium sporotrichioides 6372 Fusarium tricinctum 6372
sugarcane mosaic potyvirus 960,	Ascodichaena mexicana 4416 Aspergillus 1220, 1876, 7292	Galactomyces 218
7414	Aspergillus zhaoqingensis 6369	Galactomyces citri-aurantii 3195
Xanthomonas albilineans 4348	Asteridiella cratoxylonicola 1844	Ganoderma 1219
tobacco, diseases 2887	Asterina 5424, 6361	Ganoderma albimarginatum 1837
tomatoes	Atkinsonella texensis 2118	Ganoderma australe 6378
Phytophthora capsici 5516	Auerswaldiella parvispora 698	Ganoderma cantharelloideum 1854
Xanthomonas campestris pv. vesi-	Aureobasidium vaccinii 7809	Ganoderma stratoideum 1837
catoria 3970, 6211	Bagcheea taiwanensis 7264	Ganoderma xingyiense 1837
trees, mycorrhizas 2499  Zizania caduciflora, Ustilago esculenta	Basidiomycetes 4729	Geotrichum 218 Gibberella zeae 7185
1866	bean common mosaic potyvirus 1905	Gigaspora decipiens 170
Taiwania flousiana, Fusicoccum, China	Bipolaris euphorbiae 1862 blackeye cowpea mosaic potyvirus 1905	Gloeocystidiellum odontoides 3883
2280	Blastocladia 5419	Glomales 3826-3827
Talaromyces flavus	Botryosphaeria ribis 3189	Glomerella cingulata 1878, 3892
antagonism, Verticillium dahliae 5806	Botryotinia fabae 8198	Glomus coronatum 3830
control, Verticillium dahliae,	Camillea 7269	Glomus fasciculatum 3145
aubergines 2420-2421	Candida guilliermondii 2565	Glomus fistulosum 1774
metabolites 2420-2421	Ceratocystiopsis collifera 4435	Glomus fragilistratum 1774
Famarillo mosaic potyvirus coat proteins 5483	Ceratopycnidium baccharidicola 7276	Glomus mosseae 1192 Gnomoniella fraxini 530
nucleotide sequences 5483	Ceratosporella 1882	Grammothele fuligo 4481
Famarillos, Agrobacterium, genetic trans-	Cercoseptoria epicoccoides 1224	Guignardia heterostemmae 1860
formation 425	Cercospora 1224, 1834-1836	Guignardia pyrenacanthae 1860
Tandonea dargentiana, Eubucklandia	Cercospora boswelliae 8079	Gyromitra 3894
populnea 8118	Cercospora carissae 8079 Cercospora cyclosori 1848	Halophytophthora 4748
Tangelos	Cercospora diplaziicola 1215	Hebeloma westraliense 5325
Alternaria alternata, Israel 3313	Cercospora geniculata 1215	Helicoma vaccinii 2137
Penicillium digitatum control 1374	Cercospora laporticola 1848	Helminthosporium arctesporum 345
storage 1374	Cercospora pachirae 5425	Helminthosporium euphorbiae 1862 Herpotrichia mellettiae 1849
storage decay, control 2036	Cercosporella 7291	Heterobasidion annosum 7270-7271,
Tanzania Tanzania	Clavibacter 3085	7281
bananas	Claviceps africana 7574	Heterobasidion araucariae 214
diseases 2147	Coelomycetes 7208	Heteroconium asiaticum 7253
Mycosphaerella fijiensis var. dif-	Coleosporium asterum 4173 Coleosporium pe~illae 7238	Hyaloscyphaceae 560
formis 7827	Colletotrichum 6375, 7290	Inonotus ulmicola 2263
cashews, Oidium anacardii 7911, 8082	Colletotrichum capsici 7689	Itersonilia 1880, 7282
Phaseolus vulgaris, diseases 5157 sorghum	Colletotrichum indicum 7689	Labyrinthula zosterae 8332
Claviceps sorghi 3296	Corticium rolfsii 6373	Laccaria 1755, 3133 Laccaria bicolor 4696
Tolyposporium ehrenbergii 1358	Cortinarius 5315	Laccaria fraterna 5326
trees, mycorrhizas 3810	Corynespora arctespora 3451	Lachnum rubropunctatum 560
Xanthosoma sagittifolium,	Cryptodiaporthe corni 8081	Leptographium wageneri 3570
Xanthomonas campestris 8325	Cryptomycocolax abnorme 7284	Leptophyma 6362
Taphrina, taxonomy 5420	Cryptosporiopsis citri 345 cucumovirus group 7368	Leptosphaeria coniothyrium 1849
Taphrina betulina, Betula maximowiczi-	Curtobacterium 3085	Leptosphaeria pimpinellae 2181
ana 533 Taphrina caerulescens, Quercus 2265	Curvularia bannonii 3340	Leucostoma kuduerensis 1865
Taphrina deformans	Dendryphiella dregeae 1842	Leveillula taurica 3187
hyperplasia 7177	Deuteromycotina 6963	Lophodermium 1551 Lophodermium abietis 4750
IAA 7177	Diaporthe woodii 2735	Lophodermium piceae 4750
peaches 4254, 5770	Dicellomyces gloeosporus 3186	luteovirus group 231
Taphrina pruni	Didymella fabae 3631	Maravalia 2525
hyperplasia 7177	Didymella lycopersici 505	Massarina tetraploa 1228
IAA 7177	Dipodascus 218 Discula fraxinea 530	Melampsora serissicola 2523
Taphrina wiesneri hyperplasia 7177	Dissoconium dekkeri 5426	Meliola cyclobalanopsina var. globo-
IAA 7177	Doassansia sparganii 215	podia 1845 Meliola hainanensis 1844
Taraxacum officinale	Drechslera triticicola 765	Meliola lithocarpina var. mengyange
Sclerotinia minor	Elaeodema 6370	sis 1845
biological control 5217	Elaphomyces 7274	Meliola ramacharii 1858
virulence 5217	Encoelia mollisioides 209	Meliola rhodoleiicola 2522
Sclerotinia sclerotiorum	Endogonales 3826	Meliola tapisiicola 2522
biological control 5217	Entyloma dahliae 5410	Meliola yuanjiangensis 1845
virulence 5217 Faxonomy	Entylomella dahliae 5410 Epulorhiza anaticula 178	Meliolaceae 3877, 3879
Acaulospora walkeri 3824	Erwinia carotovora 7010	Metschnikowia hawaiiensis 2095 Microsphaera vanbruntiana vat.
Acerviclypeatus 3889	Erwinia chrysanthemi 5261, 7011	sambuci-racemosae 4427
Achlya 5422	Erwinia persicinus 1685	Microsphaera vanbruntiana var. van-
Acremonium 3359, 7741	Erysiphales 4752, 5406, 7255	bruntiana 4427
Acremonium uncinatum 4191	Exobasidiales 5421	Moniliopsis anomala 178
Aecidium philadelphi 211	Exobasidium 4915	Monochaetia camelliae 217
Agrobacterium vitis 3482	Exobasidium sawadae 6370	Monochaetia osyridella 217
Aleurodiscus occidentalis 7285	Fusarium 1221, 1869, 3161, 3188,	Monographella nivalis 3895
Aleurodiscus thujae 7285	3882, 3887-3888, 7293 Fusarium chlamydosporum 6372	mycorrhizal fungi 121, 127, 1753-175
Aleurodiscus tsugae 7285 Allantophomopsis cytisporea 2136	Fusarium chlamydosporum 6372 Fusarium crookwellense 7185	3827, 7092, 7106 Mycosphaerella anethi 4993
Allantophomopsis lycopodina 2136	Fusarium culmorum 7185	Mycosphaerella marasasii 8083
Alternaria 3886	Fusarium merismoides 1841	Mycosphaerella molleriana 5072
Amylosporomyces camelicolor 3883	Fusarium oxysporum 1853, 3188	Mycosphaerella nubilosa 5072
Anthracoidea kukkonenii 215	Fusarium oxysporum f.sp. lycopersici	Myriellina imperatae 7278
Aphanomyces euteiches 1881	8011	Mystrosporiella terminaliae 1875

xonomy cont.	Taxonomy cont.	Taxonomy cont.
Nectria 1851 Nectria cinnabarina 699	Pseudocercosporella trichachnicola 7744	Ustilago esculenta 1866
Nectria pseudocinnabarina 699	Pseudomonas 1687	Valsa octospora 1865
Nodulosphaeria edgari 222	Pseudomonas gladioli pv. agaricicola	Valseutypella multicollis 1871 Valseutypella tristicha 1871
Nodulosphaeria olivacea 222	3666	Verticillium 6376
Nyssopsora 219	Pseudomonas syringae pv. daphniphylli	Verticillium lecanii 6376
Oidium lycopersicum 2906 Oomycetes 183	5087 Puccinia 7257-7258	viruses 708, 7331
Ophiodothella vaccinii 3889	Puccinia aureocrassa 404	wheat streak mosaic virus 3936
Ophiostoma abietinum 4435	Puccinia bambusicola 7695	Wilcoxina mikolae 120, 7092 Wilcoxina rehmii 120, 7092
Ophiostoma conicolum 4435	Puccinia caricola 1839	Xanthomonas 1699, 3111, 5269
Ophiostoma davidsonii 5423	Puccinia coronata 4189	Xanthomonas campestris 3111
Orbicula 7543 Parastenella magnoliae 1227	Puccinia cremanthodii 1857 Puccinia estcortensis 404	Xanthomonas citri 5269
Parvacoccum pini 3581	Puccinia hennopsiana 7238	Xanthomonas oryzae 3309
Passalora anonacearum 1842	Puccinia hikawaensis 211	Zopfia rhizophila 1849
Penicillium 1220, 5427, 7292	Puccinia hyparrheniiphila 404	TBZ (see Thiabendazole) Tea
Periconiella banksiae 7273	Puccinia linderae-setchuenensis 7265	Bipolaris carbonum, varietal reactions
Periconiella hakeae 7273 Peronosclerospora sorghi 7573	Puccinia lioui 7257 Puccinia litseae-elongatae 7265	963
Peronospora microulae 1856	Puccinia nothaphoebes 7265	diseases
Pestalotia gaurae 217	Puccinia oedopoda 7257	control 491
Pestalotiopsis karstenii 217	Puccinia oedospora 1861	insects 4349
Pestalotiopsis triseptata 5404	Puccinia paullula 5712	Sri Lanka 491, 7969 Erwinia ananas
Pestalotiopsis uvicola 217 Phaeoisariopsis 1223	Puccinia phoebes-hunanensis 7265 Puccinia pogonatheri 7238	ice nucleation 7974
Phaeoisariopsis williamsiae var.	Puccinia rugispora 7272	isolation 7974
norfolkensis 7275	Puccinia rutainsulara 7272	Exobasidium vexans
Phaeoisariopsis williamsiae var. wil-	Puccinia stenotaphricola 405	control 3528-3529
liamsiae 7275	Puccinia ursiniae 3066	India 3528-3529
Phaeoramularia adenostemmatis 7237	Pyriculariopsis amomi 6371	pruning 5903 Fomes lamaoensis, decay 7973
Phellinus ralunensis 6377 Phialophora gregata 8178	Pythium 4751, 7256 Pythium acanthophoron 461	Fusarium tumidum
Phloeospora aethiopica 7277	Ramularia 7291	India 6743
Phoma 7208, 7290	Rhizoctonia 220, 3885	insects 6743
Phoma cyperi 1879	Rhizoctonia solani 1229	Nectria arenula
Phoma destructiva 507	Rhodococcus 3085	India 6743 insects 6743
Phoma exigua var. exigua 212 Phoma jolyana 3191	Rhynchosporium secalis 3282 Rosellinia 1017	Pestalotia longiseta, toxins 2226
Phoma multirostrata 3194	Sclerocystis 7143	Pestalotia theae, control 7970
Phoma proboscis 5219	Sclerocystis liquidambaris 1764	Pestalotiopsis adusta, Uttar Pradesh
Phomopsis 7290	Sclerocystis taiwanensis 1764	7972
Phomopsis asparagicals 8303	Sclerotinia sclerotiorum 6373	Poria hypobrunnea, decay 7973
Phomopsis asparagicola 8303 Phomopsis javanica 8303	Scierotiniaceae 6373 Scutellospora auriglobosa 3893	root rots, Assam 7971 Ustulina deusta, decay 7973
Phomopsis mangrovei 7288	Scutellospora biornata 1772	Xanthomonas campestris
Phyllachora celastri 7283	Scutellospora scutata 1773	ice nucleation 7974
Phytophthora 216, 1225, 1804, 4748,	Scytalidium vaccinii 1797	isolation 7974
7252 Phytophthora capsici 270	Seimatosporium rossicum 1222	Tea phloem necrosis virus, tea 7969
Phytophthora capsici 270 Phytophthora cryptogea 1226	Septoria 3896 Septoria citri 5677	Tebuconazole
Phytophthora drechsleri 1226	Septoria depressa 5677	activity  Mycosphaerella berkeleyi 6890
Phytophthora erythroseptica 1872	Septoria pini-thunbergii 5105	Nectria haematococca var.
Phytophthora meadii 2526	Shiraia bambusicola 4912	cucurbitae 6283
Phytophthora nalmiyora 270	Solenia nivea 3883 Sordaria nodulifera 4967	control
Phytophthora palmivora 270 Phytophthora undulata 1870	Sordaria tamaensis 4967	barley, diseases 4041
Podosphaera wuyishanensis 1855	Spiroplasma chinense 1923	Botryosphaeria obtusa, apples 141 3394
Polyporus chihuahuensis 3878	Sporisorium arthraxonis 7260	Botrytis cinerea
Poria megalopora 3883	Stenella crotalariicola 7253	cucumbers 7399
Poria subacida 3883 potyvirus group 7335	Stenella lomatiae 7273 Stenella mahoniae 7237	tomatoes 7399
Protomyces 5420	Stenella wikstroemiae 7275	Corticium rolfsii, groundnuts 6892
Pseudocercospora 1836, 7261	Stigmina bauhiniae 1842	Erysiphe graminis, wheat 745 Fusarium culmorum, wheat 4034
Pseudocercospora alangii 1224, 7261	Stomatogene lycopodii 698	Gymnosporangium juniperi-virgini-
Pseudocercospora anisomelicola 1874	Strossmayeria 4749	anae, apples 3394
Pseudocercospora argyreiae 1874 Pseudocercospora bastiana 3881	sugarcane streak geminivirus 5894  Tandonea dargentiana 8118	Leptosphaeria nodorum, wheat 745
Pseudocercospora cinereae 1874	Taphrina 5420	6464
Pseudocercospora combretii 3180	Tetraploa aristata 1228	Monilinia fructicola, cherries 916
Pseudocercospora dilleniae 1216	Thecaphora oberwinkleri 215	Monilinia oxycocci, Vaccinium 4968
Pseudocercospora gymnosporiae 221	Thecaphora sphaerophysae 1864	Mycosphaerella berkeleyi, ground-
Pseudocercospora jatrophae 2520 Pseudocercospora kydiae 3180	Theleporus calcicola 4481 Tranzschelia 1867	nuts 6890
Pseudocercospora leeae-macrophyllae	Tremella tawa 2524	Mycosphaerella graminicola, whea
1216	Tremella vesiculosa 2524	745, 6464 Oidium, peas 6034
Pseudocercospora lippiae 2520	Triphragmiopsis 4753	Puccinia asparagi, asparagus 6933
Pseudocercospora madhuliensis 3881	Triphragmium 1877 Typhula ishikariensis 1276	Puccinia striiformis, barley 5594
Pseudocercospora morindae 1216 Pseudocercospora oxystelmatis 3881	Uredinales 1839, 3192	Rhizoctonia solani, groundnuts
Pseudocercospora poranae 2520	Uredo agrostidis-myrianthae 7259	6892
Pseudocercospora psoraleae-bitumi-	Uredo calamagrostidis-emodensis 7259	Venturia inaequalis, apples 3394 fungicide tolerance, Venturia inae-
nosae 1216	Uredo collinae 404	qualis 6625
Pseudocercospora scabrella 7253 Pseudocercospora symploci 1224	Uromyces 7280 Uromyces hyparrheniicola 404	Techniques
Pseudocercospora trichoxanthidicola	Uromyces tenuicutis 7238	aerial photography
3881	Ustilaginales 1838, 1863, 3193, 3353,	citrus, diseases 4899
Pseudocercospora urticacearum 7237	4743, 5421 Ustilaginoidea virens 4108	crops 1886 amplification, DNA, maize streak
Pseudocercosporella 7287 Pseudocercosporella tetradeniae 7279	Ustilaginoidea virens 4108 Ustilago 5421	geminivirus 1910
	U .	

echniques cont.	Techniques cont.	Techniques cont.
analysis	culture media cont.	detection cont.
Leptosphaeria maculans, toxins 6346	Botrytis cinerea 3336 Cochliobolus sativus, barley 7535	peanut stripe potyvirus, groundnuts 617, 1068
pesticides	Macrophomina phaseolina 7212	Peronospora parasitica, radishes
residues 5279	Mycoleptodiscus terrestris 3067	2332
water 5282	mycorrhizal fungi 4698	pesticides, groundwater 7043
plant pathogens	Spiroplasma kunkelii 5500	Phanerochaete chrysosporium, wood 2307
soil 5438 virulence 5443	cytochemistry, viruses 6400 data collection 6388	Phytophthora
roots, Phytophthora cryptogea 2245	decontamination, Alnus 5084	ornamental plants 364
application	detection	soil 1212
fungicides 42, 6273	Acremonium, Lolium 2723	water 3899
bananas 7826	Acremonium coenophialum, Fes-	Phytophthora palmivora, soil 201
cocoa 6433	tuca arundinacea 1395	plum pox potyvirus 1907, 3441  Polymyxa betae, factory effluents
potatoes 2186 trees 3904	Agrobacterium tumefaciens, grapes 4295	2316
wheat 6445	alfalfa mosaic virus 7361	potato spindle tuber viroid
soil fumigants 3863	Alternaria alternata, wheat 7503	potatoes 472, 2856, 3220, 3504-
assays	apples, bacteria 7768	3505, 7920
bacteria, IAA 6198	arabis mosaic nepovirus 3196	tomatoes 3220
ergosterol, mycorrhizal fungi 1173	artichoke mottled crinkle tombus- virus, globe artichokes 6925	potato X potexvirus, potatoes 1443  Pseudomonas glumae, rice 7648
Erwinia amylovora, apples 2769 phytoalexins, toxicity 2687	Aspergillus repens, maize 2003	Pseudomonas solanacearum 7018
Phytophthora nicotianae var. nico-	bacteria, plants 1126	Pseudomonas syringae pv. tomato
tianae, tobacco 7985	barley yellow dwarf luteovirus	3550
phytotoxins 4023	Lolium perenne 7740	Pythium
assessment	oats 7537	ornamental plants 364 water 3899
activity, fungicides 7048 control	triticale 7444 bean yellow mosaic potyvirus	Rhizoctonia, ornamental plants 364
Monographella nivalis	Gladiolus 381, 2093	RNA, protoplasts 5457
barley 735	orchids 389	seedborne bacteria, tomatoes 2913,
wheat 735	beet necrotic yellow vein virus	6782
damage, trees 6784	soil 2317	seedborne fungi 6389
decline, forests 6786	sugarbeet 2317	cereals 7434
efficacy, pesticides 1707 groundnuts, diseases 621	cavities in trees 3552 cereals, diseases 6446	Phaseolus vulgaris 6865 sunflowers 7874
Leptosphaeria maculans, rape 1577	chitinase 3900	Spiroplasma
maize, diseases 1339	Clavibacter michiganensis subsp.	avocados 1894
mycorrhizal fungi 1788	michiganensis, tomatoes 8029	citrus 1894
peas, diseases 1052	Clavibacter michiganensis subsp.	squash leaf curl geminivirus, Bemi-
pesticides, groundwater 5281	sepedonicus	sia tabaci 1040
pines, mycorrhizas 92	aubergines 2454 potatoes 956, 2454, 2880	storage decay, potatoes 3498 tomato black ring nepovirus 3197
plant diseases 5435-5437 soil fungistasis 7219	cucumber mosaic cucumovirus	tomato ringspot nepovirus 3196
tomatoes, diseases 2899	Gladiolus 381	tomato yellow leaf curl geminivirus
yield losses 5444	RNA 247	tomatoes 2241
bioassays	dasheen mosaic potyvirus	vectors 2241
Erwinia amylovora 3408	Dieffenbachia maculata 357	turnip mosaic potyvirus, orchids 389
fungicides	Philodendron selloum 357 Erwinia amylovora 3727	Verticillium dahliae, soil 6663 viroids 6379
Cercosporella rubi 7803 Pythium 3746	apples 3406	avocados 1894
pathogenesis-related proteins 7416	pome fruits 4210, 4941	citrus 1894
biological control 6390	Erwinia carotovora subsp.	pome fruits 7765
chemotaxonomy, plant pathogenic bac-	carotovora, Lilium 4918	viruses 237, 6379
teria 3085	Erwinia herbicola, Gypsophila	avocados 1894
chromatography Agrobacterium tumefaciens 3719	paniculata 3337 fungicide residues 3770, 7041	citrus 1894 potatoes 3499
mycotoxins 4756, 5432	grapes 3772	vectors 239
Puccinia graminis 4005	Fusarium, toxins 5453	Xanthomonas campestris pv.
classification, viruses 4507	Fusarium oxysporum, Gladiolus	citrumelo, citrus 831
computer simulation, Acacia auricu-	6582	Xanthomonas campestris pv. dief-
liformis, diseases 4408	Fusarium oxysporum f.sp. elaeidis,	fenbachiae, Anthurium 2083
computer software	oil palms 7907  Gaeumannomyces graminis, wheat	Xanthomonas campestris pv. oryzae, rice 7639
apples, diseases 3388 taxonomy 2525	6468	Xanthomonas citri, citrus 831
computer techniques	garlic latent virus, garlic 5197	ziram 2530
evaluation, fungicides 3739	grapevine chrome mosaic nepovirus	determination
fruit, diseases 6619	3197	dibam 5301
crystallization	grapevine fanleaf nepovirus, grapes	ferbam 5301
enzymes Erwinia chrysanthemi 1127	6690 Gremmeniella abietina 223	fungicide residues carnations 3328
Fusarium solani f.sp. pisi 1203	iris mild mosaic potyvirus, <i>Iris</i> 864	cereals 3755, 7061
culture	iris severe mosaic potyvirus, <i>Iris</i>	fruit 6221
Deightoniella torulosa 7184	863	man 6610
Endocronartium pini 1550	Lentinula edodes, wood 2307	fungicides, water 5283
Endogone pisiformis 1795	mycoplasma-like organisms 717,	sulfur, Rhizopus oryzae 3838
fungi 6386 mycorrhizas 3823	5498, 6379, 6420 apples 4945	thiabendazole 6263 thiram 3764
Phytophthora infestans 1445	cabbages 2556	viability, oospores, Phytophthora
Phytophthora nicotianae var. nico-	Catharanthus roseus 858, 4945,	7161
tianae 6746	5499	zineb 4675
Phytophthora nicotianae var.	Gladiolus 2556	development, fungicides 7934
parasitica 7160	Hydrangea 2556	diagnosis
Pseudoperonospora cubensis 8170 Pythium 6746	Ranunculus 2556	Clavibacter xyli subsp. xyli, sugar-
Rhizoctonia solani 6746	mycotoxins 3897 Gibberella zeae 2528	cane 2885-2886 Fusarium oxysporum f.sp.
Roesleria hypogaea 7789	Pyricularia oryzae 4093	albedinis, Phoenix dactylifera
culture media	wheat 5585	5007
Alternaria zinniae, Tagetes erecta	nerine X potexvirus, Nerine	mycoplasma-like organisms, rice
7729	fothergilli 384	7592

echniques cont.	Techniques cont.	Techniques cont.
diagnosis cont.	estimation cont.	forecasting cont.
plant diseases 6380	beet necrotic yellow vein virus, soil	Erysiphe betae, sugarbeet 3591
soil sickness, fruit 1406 Ustilago scitaminea, sugarcane	3170 carbendazim, soil 4673	Gibberella zeae, wheat 5587
1449	Cercospora carotae, carrots 1584	Hemileia vastatrix, coffee 702
differentiation	Colletotrichum lindemuthianum.	Meria laricis, larch 8091
Agrobacterium, strains 2453	cowpeas 4567	Mycosphaerella larici-leptolepis, larch 2940
alfalfa mosaic virus, strains 7349	cucumber mosaic cucumovirus, mel-	Mycosphaerella mandshurica,
beet yellows closterovirus, strains	ons 1037	Populus 5079
2972	cymoxanil 7062	Phellinus weirii, forest trees 527
citrus tristeza closterovirus, strains	DNA, Phytophthora infestans 4723	Phytophthora infestans
716 Erwinia, species 4650	fungi, clovers, roots 5722 fungicide residues, groundwater 29	potatoes 2865, 3506, 5873
Erwinia carotovora, subspecies 4650	fungicides, water 40	tomatoes 3545
Erwinia carotovora subsp. atrosep-	Fusarium, potatoes 3516	plant diseases 225, 5445, 7302  Plasmopara viticola, grapes 7848
tica, strains 3520	Fusarium oxysporum f.sp.	Puccinia arachidis, groundnuts 620
Erwinia carotovora subsp.	cucumerinum, soil 7218	6075
carotovora, strains 3520	Monographella nivalis, rye 5607	Puccinia recondita, wheat 7474
Erysiphe graminis f.sp. secalis, races 1986	mycorrhizal fungi colonization 1785	Pyricularia oryzae, rice 4885
Fusarium, species 3852	pines 105	Sclerospora graminicola, Pen-
Fusarium oxysporum	soil 7101, 7129	nisetum americanum 5634
formae speciales 2088	mycorrhizas, pines 7100	Venturia inaequalis, apples 2758 wheat, diseases 4795
strains 3168	Phialophora gregata	formulations, biological control agents
Fusarium oxysporum f.sp. dianthi,	soil 3015	7304
pathotypes 7708	soyabeans 3015	genetic analysis
Fusarium oxysporum f.sp. vasinfec- tum, races 1817	phytoalexins, peas 2358 Phytophthora cactorum, strawber-	Colletotrichum graminicola 5621
Leptosphaeria maculans, strains	ries 2144	fungi 4720
5994	Phytophthora infestans, potatoes	genetic engineering
Phytophthora, species 1225	7930	biological control agents 3173
potato Y potyvirus, strains 7919	Pisolithus tinctorius, Eucalyptus	Ceratocystis ulmi 8062 mycoherbicides 1648
potyviruses 3916, 5458	globulus 1173	viruses 1247, 1892
Pseudocercosporella herpo- trichoides, pathotypes 1939	Plasmodiophora brassicae, rape 8140	genetic transformation
soybean dwarf luteovirus, strains	Polymyxa betae, soil 3170	Gaeumannomyces graminis 3156
5168	Polymyxa graminis, barley 1328	Xanthomonas campestris pv. oryza
Xanthomonas campestris, pathovars	potato spindle tuber viroid	5268
23	potatoes 722	identification arabis mosaic nepovirus 3196
Xanthomonas campestris pv.	tomatoes 722	Armillaria obscura, clones 3844
oryzae, races 4116 Xanthomonas campestris pv. vas-	Puccinia recondita, wheat 4804 Rhizoctonia solani, soil 7222	biological control agents 900
culorum, races 7968	sporulation, Puccinia mela-	Clavibacter michiganensis subsp.
Xanthomonas campestris pv. zeae,	nocephala 5031	michiganensis 1677
pathovars 1352	suppressive soils, Pythium ultimum	cymbidium mosaic potexvirus,
electron microscopy	8167	orchids 386 Erwinia amylovora 2456
Erwinia amylovora 3726 fungi 6384	Tilletia barclayana, rice 7617 toxins, Gibberella fujikuroi 1821	fungi 1230
mycoplasma-like organisms 6419	tryptophan, Hebeloma cylin-	fungicide residues, peaches 6646
plant pathogens 6382, 6385	drosporum 5322	maize stripe tenuivirus, maize 790
plum pox potyvirus 3205	viruses 4760	mycorrhizal fungi 104, 3814
Pseudomonas fluorescens 7940	yield losses, wheat 3246	mycorrhizas, trees 7104 odontoglossum ringspot
Pseudomonas solanacearum 7940	evaluation Tilletin tritici	tobamovirus, orchids 386
Uredinales 6347 viruses 233, 6399	antifungal agents, Tilletia tritici 3745	Penicillium, maize 799
electrophoresis, Erysiphe graminis, bar-	biological control agents 397	potyviruses 5458, 5463
ley 7525	control	Pseudomonas fuscovaginae, rice
elimination	Alternaria solani 945	7647
American hop latent virus, hops	Phytophthora infestans 945	Pseudomonas solanacearum,
4298	fungi, mycoherbicides 1572	groundnuts 8232  Pseudomonas syringae pv. syringae
apples, viruses 3389 banana bunchy top virus, bananas	fungicides 8068 mycorrhizal fungi 68	7727
4977	Mycosphaerella fijiensis 6673	Sclerotium cepivorum, antagonists
cherries, viruses 2800	pathogenicity, Fusarium solani f.sp.	4592
citrus, viroids 2673	pisi 1592	tobacco mosaic tobamovirus, toma-
Erwinia amylovora, pome fruits 894	pesticides 6256	toes 1465
fruit trees, viruses 2740	experimental design 5434	tomato mosaic tobamovirus, toma- toes 1465
mycoplasma-like organisms, Pau- lownia tomentosa 4423	field experimentation 5433 screening, disease resistance 5452	tomato ringspot nepovirus 3196
Narcissus, viruses 6588	expert systems	tomato spotted wilt virus, Sinningia
ornamental plants, viruses 846,	pesticides 1706	speciosa 3350
6565	groundwater 5281	viruses 232, 235, 6399
pathogens, seeds 701	pines, diseases 554	Wilcoxina mikolae 120 Wilcoxina rehmii 120
peaches, viruses 3437	plant protection 5508	Xanthomonas campestris 25
potato leaf roll luteovirus, potatoes 2192	potatoes, diseases 5869 wheat, diseases 1283	immunoassay
potatoes, viruses 469, 2190, 6720-	extraction	beet necrotic yellow vein virus 2318
6721	nucleic acids, fungi 1196	ergot alkaloids 2114
Puccinia carthami, safflower 6699	proteins, Mycosphaerella dearnessii	immunocytochemistry, Fusarium
strawberry crinkle rhabdovirus,	2942	culmorum, wheat 5583
strawberry mottle views strawber	forecasting	immunodiagnosis apple chlorotic leafspot virus 2555,
strawberry mottle virus, strawber- ries 7813	Albugo candida, Indian mustard 8147	5472
tobacco mosaic tobamovirus,	apples, diseases 3394	apple mosaic ilarvirus, roses 866
tobacco 2231	Armillaria, forest trees 527	asparagus 2 ilarvirus, asparagus
estimation	Cercospora carotae, carrots 702	2400
Alternaria brassicae	Erwinia amylovora	bacteria 2448
mustard 5986 rape 5986	apples 3387, 4213 pears 3387, 4213	barley mild mosaic virus, barley 4039
bacteria, leaves 4643	pome fruits 4214	barley yellow dwarf luteovirus 1901

 $\mathbf{T}_{i}$ 

echniques cont.	Techniques cont.	Techniques con
immunodiagnosis cont. barley yellow mosaic virus, barley 4039	immunodiagnosis <i>cont.</i> tomato spotted wilt virus 3925, 4183, 5470, 7379	inoculation tomatoe Pseu
bean common mosaic potyvirus	tomato yellow top luteovirus 3915	Xan
beet necrotic yellow vein virus,	Trichoderma harzianum 6352 viruses 233, 705, 707, 2448, 2539-	trees, m
sugarbeet 8126 beet pseudo-yellows virus 715	2540, 7325, 7330 Capsicum 6117	Vigna a
beet western yellows luteovirus 3915	cereals 7429	vig
sugarbeet 5969, 8128 blackeye cowpea mosaic potyvirus	Cucurbitaceae 6842 faba beans 2999	wheat mair
1905	grapes 5808	
Botrytis cinerea, grapes 4983 carnation latent carlavirus, carna-	insects 4876	Tille Usti
tions 367	mushrooms 6104 ornamental plants 6570	Usti
carnation vein mottle potyvirus, car- nations 367	peas 2999	intraspecific
carnation yellow fleck closterovirus	potatoes 940, 4317, 5011, 5013, 6719	zeae 6
366	rice 4876	isolation Agroba
Ceratocystis ulmi 227 cherry green ring mottle virus, cher-	wheat yellow mosaic virus, wheat	57
ries 2799	1279 Xanthomonas campestris pv.	Athelia
chrysanthemum B carlavirus 6577 citrus, blight 4901	oryzicola, rice 4896	33 bacteria
citrus tatter leaf virus, citrus 4124	Xanthomonas campestris pv. phase- oli, Phaseolus vulgaris 6868	mycopla
Clavibacter michiganensis subsp. sepedonicus 5259, 5889	Xylella fastidiosa	Zi protopla
potatoes 5890	citrus 4143	Pyrenoc
cloves, Sumatra disease 226 cucumber mosaic cucumovirus	trees 2924 zucchini yellow mosaic potyvirus	Pyrenoc 30
1908, 7378	3921	toxins,
melons 1037	immunological techniques, plant pathol- ogy 5247	Xantho
Erwinia, potatoes 7935 Erwinia amylovora 3097	indexing	ca. karyotyping
fungi 2533	citrus, viruses 828	localization
Gliocladium roseum 700 grapevine leaf roll closterovirus	Oncobasidium theobromae, cocoa 2571	maintenanc nisms,
3473	infrared photography, Erwinia	managemei
grapes 3474 lawns and turf, diseases 228	amylovora, pears 4242 inoculation	measureme fungicid
Leptosphaeria korrae	apples, Erwinia amylovora 3404	mycorri
Cynodon dactylon 3358 Poa pratensis 3358	barley, <i>Ustilago segetum</i> var. <i>nuda</i> 5532	micropropa microscopy
Leptosphaeria nodorum 6461	Capsicum, Xanthomonas campestris	fungi 25
wheat 6460	pv. vesicatoria 3970	hyperpa
maize streak geminivirus 1263 mycoplasma-like organisms 705	carnations, Fusarium oxysporum f.sp. dianthi 3329	plant pa models
Catharanthus roseus 3331	citrus, Phytophthora nicotianae var.	aflatoxi
tomatoes 3536  Mycosphaerella graminicola 6461	parasitica 4136 cocoa, Moniliophthora roreri 274	Alterna Alterna
wheat 6460	cucumbers	44
odontoglossum ringspot tobamovirus, <i>Cymbidium</i> 387	Cladosporium cucumerinum 8173	Alterna 28
Ophiostoma piceae 700	Colletotrichum orbiculare 8173	beet yel
ornithogalum mosaic virus <i>Lachenalia</i> 358	cucumber mosaic cucumovirus	51 Ceratoc
Ornithogalum 358	580 forest trees, viruses 2915	ell
pea seed-borne mosaic potyvirus,	maize	Cercosp Chondro
peas 6855 Pelargonium, Xanthomonas	Fusarium 4859	Pr
campestris pv. pelargonii 2102	Gibberella fujikuroi 1345 Macrophomina phaseolina 798	Clavice
Phytophthora cinnamomi, Rhodo- dendron 4923	maize white line mosaic virus	Dothior Erwinia
plum pox potyvirus, fruit trees 3432	5521 Rhizoctonia solani 322	appl
Polymyxa betae, sugarbeet 8126 potato leaf roll luteovirus 5014	mycorrhizal fungi 3828	pear
potatoes 3501	Panax pseudoginseng, Fusarium solani 5851	Erysiph
potato M carlavirus 8003 potato X potexvirus 3219	pines	barle whea
potatoes 4318	mycorrhizas 87 Pisolithus tinctorius 3802	fungicid
potato Y potyvirus, potatoes 2194 potyvirus group 5460	potatoes	Phys Gaeuma
prune dwarf ilarvirus 4773	Erwinia carotovora subsp.	tri
prunus necrotic ringspot ilarvirus, roses 866	atroseptica 5888 Phytophthora infestans 5019	Gibbere Hemilei
Pseudocercosporella herpo-	Rhizoctonia solani 2205	Leptosp
trichoides 227	rice, Xanthomonas campestris pv. oryzicola 6528	Leptosp
cereals 3238, 6437  Pseudomonas syringae pv. pisi, peas	sorghum	clove luce
602	Cercospora sorghi 326 Sphacelotheca cruenta 325	Lophod
Puccinia melanocephala, sugarcane 7959	Sphacelotheca cruenta 325 soyabeans, Xanthomonas campestris	10 Mycosp
soyabeans, diseases 228	pv. glycines 5181	lar
soybean dwarf luteovirus, soyabeans 1062	sugarcane Glomerella tucumanensis 484,	Peronos pesticido
soybean mosaic potyvirus 3217	5033	pesticid
sugar beet mosaic potyvirus, sugarbeet 4489, 5970	Puccinia melanocephala 2222 Ustilago scitaminea 5899	adso envi
tobacco etch potyvirus 710	sunflowers Plasmonara halstedii	move

7872

tomato ringspot nepovirus 711

cont. idomonas solanacearum 8027 thomonas campestris pv. vesicatoria 3970 ycorrhizal fungi 60 ingularis, Phytophthora gnae 3657 ze white line mosaic virus 5521 etia indica 6458 lago segetum var. nuda 759 lago segetum var. tritici 5532 hybridization, Ustilago cterium tumefaciens, apples bombacina, litter (plant) , tea 7974 asma-like organisms, ziphus sativa 446 asts, Ustilago violacea 1884 chaeta lycopersici, soil 2517 chaeta terrestris, onions Verticillium dahliae 1814 monas campestris pv. mpestris, Cruciferae 6006 g, fungi 1887 viruses 7324 e, mycoplasma-like orga-Populus alba 718 nt, wheat, diseases 1283 nt les, residues 7294 hizas, activity 3831 gation, hops, viruses 2845 532 nrasitism 3901 athogens 6382 ns, groundnuts 6077 ria alternata, potatoes 2212 ria brassicicola, cabbages ria solani, potatoes 944, lows closterovirus, sugarbeet 26 ystis fagacearum, Quercus ipsoidalis 5943 ora carotae, carrots 3601 ostereum purpureum, unus serotina 8336 ps sorghi, sorghum 1355 ella gregaria, Populus 2931 amylovora les 3386, 3407, 3409-3411 rs 3386, 3428-3429 le fruits 2749 e graminis ey 2629, 5597 at 763 le tolerance 1883 tophthora infestans 4323 annomyces graminis var. itici, wheat 4024 lla zeae, wheat 5587 ia vastatrix, coffee 3316 haeria nodorum, wheat 306 haerulina trifolii ers 3361 rne 3361 ermium maximum, pines 14 phaerella larici-leptolepis, sch 2286, 2940 pora tabacina, tobacco 6748 e mixtures 2531 rption, soils 6244 ronmental impact 3778 ement 5274 soils 6244

Techniques cont.	Techniques cont.	Techniques cont.
models cont.  Phakopsora pachyrhizi, soyabeans	production cont. monoclonal antibodies cont.	seed testing cont. maize, Stenocarpella maydis 5622
3638	luteovirus group 1248	rice, Pseudomonas plantarii 4898
Phomopsis longicolla, soyabeans	mycoplasma-like organisms 3536	soyabeans 595
1065	peanut stripe potyvirus 617	Phomopsis 614
Phytophthora infestans potatoes 944, 1928, 2858, 2865,	potato A potyvirus 5464 potato Y potyvirus 2194, 5464	seed treatment, wheat 7456 selection
2868-2869, 5873	Pseudomonas cepacia 1129	barley, Pyrenophora teres 3281
tomatoes 3545	Rhizoctonia solani 3849	clovers
plant diseases 1888, 5449-5450	tobacco etch potyvirus 4771	Fusarium 2728
spread 1889	tomato spotted wilt virus 5470	Sclerotinia trifoliorum 2728
Pseudoperonospora humuli, hops	viruses 845, 3200, 7330 wheat streak mosaic virus 5535	maize, diseases 3286
4299	zoospores 7297	melons, Pseudoperonospora cuben- sis 3610
Puccinia arachidis, groundnuts 620	polyclonal antibodies, Rhizoctonia	pears, Erwinia amylovora 430
Puccinia graminis, wheat 1928	solani 3849	Pennisetum americanum, Claviceps
Puccinia recondita, wheat 755, 1951	protoplasts Alternaria alternata 509	fusiformis 7577-7578
Puccinia striiformis, wheat 296,	Botrytis cinerea 2529	plants, diseases 7300 potatoes, Erwinia carotovora subsp.
5568	Cochliobolus miyabeanus 5363	carotovora 957
Pyricularia oryzae, rice 333, 821,	Colletotrichum gloeosporioides	rice, Cochliobolus miyabeanus 5653
6524, 7605	f.sp. aeschynomene 7763	Ulmus americana, Ceratocystis
Pythium, soil 2519 Rhizoctonia solani, rice 4892	fungi 7306 Gibberella fujikuroi 1807	ulmi 537
soil fungi, inoculum 6358	Phytophthora infestans 7209	wheat, Cochliobolus sativus 1961 separation
spore dispersal 2534	Pyricularia oryzae 3160	citrus, viroids 2673
Stigmina carpophila, almonds 913	Rhizoctonia solani 2512	pesticides 5272
Uncinula necator, grapes 3478	Trichoderma harzianum 3835	serology
Uromyces appendiculatus, Phaseo- lus vulgaris 3625	sclerotia, Claviceps purpurea 7547 spores	beet western yellows luteovirus 2320
Verticillium dahliae	Colletotrichum truncatum 6944	potexvirus group 7343  Puccinia melanocephala, sugarcane
Chinese cabbages 8153	mycorrhizal fungi 1770	6737
potatoes 2206	zoospores, Phytophthora nicotianae	viruses 4761
viruses epidemiology 1243	var. parasitica 7664 purification	soil solarization, technology 3862
transmission 5456	cassava common mosaic potexvirus	spectroscopy, viruses 2538
wheat	5471	sporulation Pyricularia oryzae 3837
diseases 4795	enzymes	Ustilaginoidea virens 4893
yields 762 zucchini yellow mosaic potyvirus,	Botrytis cinerea 1599 Hebeloma cylindrosporum 5323	spraying
melons 1889	Pyrenochaeta terrestris 4736	peaches 6647
monitoring	sugarcane mosaic potyvirus 252	potatoes 948 staining
air pollution 658	tomato yellow top luteovirus 8002	Colletotrichum gloeosporioides f.sp
environmental factors 5439-5440	toxins, Gibberella fujikuroi 1821	malvae 5227
fungicide tolerance 5442 fungicides 3122	remote sensing cavities in trees 3552	Limonomyces roseipellis 3270
spore dispersal 5448	citrus, diseases 4899	mycorrhizal fungi 669, 1788
observation, fungi, roots 5428	crops, diseases 5431	Pyrenophora tritici-repentis 3270 sclerotia, Sclerotinia trifoliorum
prediction, pesticides, residues 6223	forest trees, decline 529	703
Colletotrichum gloeosporioides f.sp.	forests, decline 5063-5064  Picea abies, damage 5115	statistical analysis
malvae 1890	pines, decline 2947	Bremia lactucae, Lactuca 8291
fungi 2535, 3903, 5454, 7296	plant protection 1885	plant pathology 6392 sterilization, pruning implements 7767
Leptosphaeria nodorum 3154	research, viroids 6409	storage, mycorrhizal fungi 5335
mycorrhizal fungi 118 urediospores, Puccinia striiformis	sampling air spora 4754	synthesis
7478	Armillaria, Populus 8077	antifungal agents 3117
Xanthomonas campestris pv. gly-	Cercospora carotae, carrots 1584	mycorrhizas Coniferae 1743
cines 5181	potatoes, diseases 2188	Dactylorhiza incarnata 3146
prevention, aggregation, Ustilago segetum var. nuda 1202	soil, fungi 3902 spatial distribution 1231	phytoalexins 2197
production	scanning electron microscopy, fungi	tobacco 494
conidia	6383	taxonomy, Fusarium 1221 testing
Colletotrichum truncatum 3068,	screening	antagonists, Erwinia amylovora
8328  Mycosphaerella graminicola	antagonists, <i>Pseudomonas tolaasii</i> 8295	3417
7172	antiviral agents 4760	apples
immune serum, Rhodococcus fas-	biological control agents 6354	Erwinia amylovora 2753-2754, 2767-2768
cians 3342	Brassica, Plasmodiophora brassicae	Phytophthora cactorum 1410
inoculum 2817  Botrytis fabae 1060	3598 Capsicum, Rhizoctonia solani 2408	tomato ringspot nepovirus 4220
Glomus fasciculatum 5353	citrus, Phytophthora nicotianae var.	avocados, Phytophthora cinnamomi
mycorrhizal fungi 171, 1750,	parasitica 344	2811, 3458 barley
6330, 7108	cocoa, Phytophthora megakarya 266	Pyrenophora graminea 784
mycorrhizas 106  Pseudoperonospora cubensis	fruit trees, viruses 2745	Pyrenophora teres 6483
8170	groundnuts	root rots 5591
monoclonal antibodies	Mycosphaerella berkeleyi 8228	Brassica, Alternaria brassicae 1574
abaca mosaic potyvirus 2692	Puccinia arachidis 8228	carnations, Fusarium oxysporum f.sp. dianthi 4913
alfalfa mosaic virus 3926 banana bunchy top virus 2813	lettuces, lettuce big-vein virus 3660 maize, Rhizoctonia solani 322	cereals
barley yellow dwarf luteovirus	Malus, Erwinia amylovora 4215	Gaeumannomyces graminis var.
1901	pears, Erwinia amylovora 3423,	trititi 3986 Xanthomonas campestris 4791
beet necrotic yellow vein virus	4215	citrus, Phytophthora nicotianae var
5464  Clavibacter xyli subsp. xyli	plants, diseases 7299 wheat, <i>Tilletia indica</i> 6458	parasitica 4136
4347	seed testing	clovers, Fusarium 406
Erwinia amylovora 3723	cowpeas 595	cocoa, Crinipellis perniciosa 2566
grapevine leaf roll closterovirus	Lablab purpureus 595	cotton, wilt 2685 crops, Fusarium 5429
3473	lettuces, viruses 2390	or obot a man term of the

Tec

chniques cont.	Techniques cont.	Thecaphora sphaerophysae, Sphaerophysa
testing cont.	X radiation, Puccinia recondita, wheat	salsula 1864
cucumbers	1954	Thekopsora, Picea 2300
Cladosporium cucumerinum	Tectona grandis	Thelephora, Pseudotsuga menziesii, mycor-
8173	diseases	rhizas 6303
Colletotrichum orbiculare 8173	nurseries 2917	Thelephora terrestris
Cucurbitaceae, viruses 6842	Tropics 2917	DNA probes 3814
Gladiolus, Stromatinia gladioli	Teramnus labialis	Picea abies, mycorrhizas 673, 6308
6581	Aphanostigme fabacearum	Picea rubens, mycorrhizas 4475
grapes	taxonomy 7283	pines, mycorrhizas 68, 1158, 6311
Botrytis cinerea 2839	Uttar Pradesh 7283	Salix viminalis, mycorrhizas 4690,
Plasmopara viticola 7846	Teratosperma oligocladum, soil 3876	5318
groundnuts, groundnut rosette virus	Teratosperma sclerotivora	Theleporus calcicola, wood 4481
2373	control, Sclerotinia minor, lettuces	Themeda anathera, phylloplane fungi,
Leucospermum, Phytophthora cin-	3662	India 2111
namomi 2097	hyperparasitism, Sclerotinia scleroti-	Theobroma cacao (see Cocoa)
lucerne	orum 6990	Thiabendazole
Sclerotinia sclerotiorum 2732	soil 3876	activity
	Terbinafine	barley 776
Sclerotinia trifoliorum 2732	activity, Ustilago zeae 3119	Fusarium 2315
Verticillium albo-atrum 1402	antifungal properties 7076	Gibberella fujikuroi, rice 5657
maize		pines, mycorrhizas 68
Erwinia chrysanthemi pv. zeae	fungicide tolerance, <i>Ustilago zeae</i> 3119	Rhizoctonia solani 5984
2006	Terbuconazole, control, Oncobasidium the-	Tilletia tritici 3745
Fusarium 5620	obromae, cocoa 2572	control
Sclerospora graminicola 1347	Terminalia	Botryosphaeria obtusa, apples 5754,
Medicago, Phoma medicaginis 2123	Mystrosporiella terminaliae	5759
mulberries, dwarf 2804	India 1875	Botrytis cinerea
oats, Puccinia coronata 2635	taxonomy 1875	
onions	Terminalia arjuna	Cicer arietinum 8267
Botrytis 3033	Polyporus occidentalis, decay 1569	pears 1415
Fusarium solani 3033	Pycnoporus sanguineus, decay 1569	Ceratocystis paradoxa, pawpaws 6681
pears, Erwinia amylovora 2753-	Trametes lactinea, decay 1569	
2754, 2779	Terminalia bellirica	Cladochytrium caespitis, lawns and
peas, Ascochyta pisi 4526	Pseudocercospora combretii	turf 6599
pigeon peas, Phytophthora drech-	India 3180	Crumenulopsis sororia var. meri-
sleri f.sp. cajani 8278	taxonomy 3180	dionale, pines 1540
pines	Terminalia ivorensis, Auerswaldiella	Erysiphe graminis, barley 6482
Cronartium fusiforme 1546	parvispora, Brazil 698	Fusarium, potatoes 952
Melampsora populnea 5102	Terminalia tomentosa	Fusarium culmorum, lawns and
plums, plum pox potyvirus 2787	Pestalotiopsis palmarum	turf 6599
potatoes	biochemistry 2276	Fusarium oxysporum f.sp. narcissi,
Alternaria solani 4329, 5022	mineral content 4431	Narcissus 2710, 7717
Erwinia carotovora subsp.	Terpenoids, activity, Erwinia amylovora	Macrophomina phaseolina, Phaseo-
atroseptica 5888	6205, 6345	lus vulgaris 6050
potato Y potyvirus 942	Tetrachlorodecaoxide, activity,	oranges, postharvest decay 4127
Verticillium dahliae 479	Pseudomonas syringae 5680	Penicillium expansum
	Tetraconazole	apples 5758
rice	antifungal properties 6280	pears 1415
Rhizoctonia solani 7623		Pleospora betae, sugarbeet 5135
rice tungro virus 4870	synthesis 6280	Pyrus pyrifolia, storage decay 7787
Xanthomonas campestris pv.	Tetracycline	Sphacelotheca reiliana, maize 5618
oryzae 2029	control	tangelos, storage decay 2036
rubber, Glomerella cingulata 7949	aubergines, mycoplasma-like orga-	Tilletia controversa, wheat 2606
sorghum, Cercospora sorghi 326	nisms 6126	Tilletia laevis, wheat 4011
soyabeans	Spiroplasma, barley 7512	Trichoderma, Pleurotus 3663
Corticium rolfsii 6881	Tetradenia	determination 6263
Phytophthora megasperma f.sp.	Pseudocercosporella tetradeniae	fungicide residues, citrus 6538
glycinea 6061	taxonomy 7279	fungicide tolerance
Sclerotinia sclerotiorum 6069	Zimbabwe 7279	Aspergillus nidulans 5398
strawberries	Tetrahydrophthalimide, fungicide residues,	bananas, fungi 7825
Glomerella cingulata 1420	crops 1732	Fusarium solani var. coeruleum
Phytophthora cactorum 2144	Tetrathio(peroxocarbonic acid), control, soil	2874
sunflowers	fungi 6265	Penicillium expansum 4229
Plasmopara halstedii 5838	Texas pepper geminivirus, Capsicum 1100	seed treatment
Scleorotinia sclerotiorum 5836	Thailand	faba beans 607
tomatoes	groundnuts, diseases 3649	sugarbeet 5135
Pseudomonas solanacearum	maize, rice tungro virus 7591	wheat 773
6778	pesticides, usage 6224	Thiabendazole hypophosphite, control, Cer-
Xanthomonas campestris pv.	plant pathogens, quarantine 6295	atocystis ulmi, Ulmus 2264
vesicatoria 5058	Rhizophora apiculata, Phomopsis	Thiazolidinones
Vicia sativa, Fusarium 2737	mangrovei 7288	activity
watercress	rice	Aspergillus flavus 1711
Spongospora subterranea f.sp.	rice ragged stunt virus 4873-4874	Aspergillus niger 1711
nasturtii 6112	rice tungro virus 7591	Cochliobolus lunatus 5296, 5302
watercress yellow spot virus	soyabeans	Trichoderma harzianum 5296, 5302
6112	Phakopsora pachyrhizi 3013	Thiazolotriazoles
watermelons, Fusarium oxysporum	Xanthomonas campestris pv. gly-	
f.sp. niveum 2991	cines 5181	activity Asperaillus flavus 7067
wheat	Uredinales 205	Aspergillus flavus 7067 Fusarium solani 7067
Cochliobolus sativus 4818, 6466	vegetables, diseases 2314	
Fusarium culmorum 4792	weeds, rice tungro virus 7591	Thickgriensis
Leptosphaeria nodorum 1295	Thanatephorus cucumeris	Thielaviopsis
	bananas 7823	Acacia mangium 1500
Pseudomonas syringae pv. atrofaciens 4792	sugarbeet 5136	coconuts 465
		Thielaviopsis basicola
tissue culture	tobacco 1461	chicory 6934
crops, viruses 1245	Vigna radiata 4580	Cicer arietinum 2380
plants, diseases 7298	Thanatephorus oryzae, rice 2655	cotton 4904
transfection, Pseudomonas	Thanatephorus praticola, DNA 189	cowpeas 8249
solanacearum 4653	The caphorus sasakii, maize 4070	Euphorbia 2702
washing, spinach, fungicide residues	Thecaphora oberwinkleri, Androsace fedt-	groundnuts 6894
4492	schenkoi 215	laboratory tests, disinfection 3861

Th

Th Th Thi Thi

Thielaviopsis basicola cont.	Thiram cont.	Tilia cont.
ornamental plants 4172, 7694 Pseudomonas fluorescens, antagonism	activity cont.  Gibberella fujikuroi, rice 5657	sodium chloride <i>cont</i> .  Germany 3554
5910	Macrophomina phaseolina 7870	Tiliacora racemosa, plant extracts,
tobacco 5037, 5910-5911, 7982 Thielaviopsis paradoxa (see Ceratocystis	mycorrhizas 159  Mycosphaerella caryigena 3562	antifungal agents 6907 Tiliacorinine, control, Alternaria tenuis-
paradoxa)	Pennisetum americanum 2011	sima, pigeon peas 6907
Thiophanate, control, Oidium heveae, rub-	pines, mycorrhizas 68	Tilletia
ber 7951 Thiophanate-ethyl, activity, Mycosphaer-	soyabeans 6877 Ustilago striiformis, Poa pratensis	laboratory tests, CGA 173506 6267 wheat 5574, 7445
ella caryigena 3562	6604	Tilletia barclayana, rice 4890, 7617
Thiophanate-methyl activity	Xanthomonas campestris pv. gly-	Tilletia caries (see Tilletia tritici)
Botrytis cinerea 8267	cines, soyabeans 616 control	Tilletia controversa chromosomes 1887
Cercosporella rubi 7803	Alternaria brassicae, Indian mus-	wheat 1959, 2606, 4808, 5571
Mycosphaerella caryigena 3562 Phytophthora colocasiae 5213,	tard 6002 Alternaria padwickii, rice 7630	Tilletia foetida (see Tilletia laevis) Tilletia indica
5290	Aspergillus niger, groundnuts 4562,	barley 1940
control  Alternaria padwickii, rice 7630	6079 Botrytis cinerea	spore germination 7481
Botrytis elliptica, Lilium 6568	Cicer arietinum 8267	sporulation 7158 triticale 1940, 7486
Ceratocystis paradoxa, sugarcane	strawberries 4260-4261	weeds 1940
2221 Cercospora carotae, carrots 2982	Ceratocystis paradoxa, sugarcane 6739	wheat 301, 739, 1290, 1940, 1958, 2607, 4810, 5572-5573, 6458,
Cercospora kikuchii, soyabeans	Colletotrichum dematium, Capsi-	6971, 7480, 7483-7487
3640 Caracanara naidii ayayaa 4274	cum 6119	Tilletia laevis
Cercospora psidii, guavas 4274 Colletotrichum curcumae, turmeric	Corticium rolfsii, groundnuts 4562 Fomitopsis pinicola, grapes 2844	cereals 279 wheat 1291, 1656, 1942, 2606, 4011-
7893	fruit trees, diseases 3371	4012, 4808-4809, 7479, 7482
Crumenulopsis sororia var. meri- dionale, pines 1540	Fusarium, groundnuts 4562 groundnuts, diseases 8222	Tilletia tritici cereals 279, 6274
Elsinoë ampelina 5819	Jasminum, diseases 4184	chromosomes 1887
Fusarium	Macrophomina phaseolina	laboratory tests
barley 7440 wheat 7440	Cicer arietinum 8271 Vigna radiata 4583, 8263	fungicides 3745 thicyofen 6271
Fusarium oxysporum f.sp. cepae,	Marasmiellus, coconuts 464	wheat 1291, 1959, 3264, 4012, 4808-
onions 6923 Fusarium solani, limes 7669	Picea glauca, diseases 4466 Pyrenophora graminea, barley 7529	4809, 5570, 5574, 7456, 7482 Tilletiopsis pallescens, antagonism,
Gibberella zeae	Sphacelotheca reiliana, maize 5618	Erysiphe graminis 1977
barley 7440	Stemphylium vesicarium, onions	Tobacco
wheat 7440 Isariopsis indica var. zizyphi,	6924 sunflowers, diseases 457	Agrobacterium tumefaciens enzymes 7988
Ziziphus mauritiana 5805	Tilletia indica, wheat 1958	gibberellins 502
Jasminum, diseases 4184 Macrophomina phaseolina, Vigna	Tilletia laevis, wheat 4011 determination 3764	host parasite relationships 7988 alfalfa mosaic virus
radiata 4583, 8263	persistence, soil 1705	genetic transformation 5908
Magnaporthe salvinii, rice 2027	seed treatment	induced resistance 5908
Monilinia oxycocci, Vaccinium 2141	barley 7529 Chinese cabbages 2980	varietal reactions 1455 Alternaria alternata
Mycosphaerella caryigena, pecans	Cicer arietinum 2385, 8267, 8271	control 7983
3562  Pelargonium, diseases 2712	cowpeas 8248 faba beans 607	infection 2890 varietal reactions 4357-4358
Penicillium expansum, apples 5758	grain legumes 6852	Aspergillus
Pseudocercosporella herpotrichoides	groundnuts 625, 8222	storage 4360 toxins 4360
rye 733	Medicago 1306 Psophocarpus tetragonolobus 6911	barley stripe mosaic hordeivirus
wheat 733	rice 7599	molecular genetics 2235
Rhizoctonia solani, potatoes 5879 Sclerotinia trifoliorum, lucerne 416	Ricinus communis 7867 sorghum 5626, 5629	translocation 2235  Botrytis cinerea, pathogenesis-related
Sphaerotheca pannosa var. rosae,	soyabeans 3012	proteins 1458
roses 6592 sunflowers, diseases 457	Vigna radiata 8263 wheat 1306	bushy top breeding 1454
Tilletia laevis, wheat 4011	soil treatment 8271	viruses 1454
Ustilago scitaminea, sugarcane	Thlaspi perfoliatum, Peronospora thlas-	Cercospora nicotianae
7965 fungicide tolerance	peos-perfoliati, Germany 4744 Thripidae, transmission, tomato spotted	control 4356 enzymes 4355
Cercospora apii 4508	wilt virus 4553	genetic transformation 4355
Glomerella cingulata 2760 Macrophomina phaseolina 7568	Thrips tabaci interactions, cotton, diseases 4904	Corticium rolfsii biological control 497
Pseudocercosporella herpo-	transmission, tomato spotted wilt virus	pathogenesis-related proteins 1458
trichoides 733, 4822 Venturia pirina 4957	263, 5466 Thryptomene calycina	Philippines 497 cucumber mosaic cucumovirus
seed treatment, Vigna radiata 1086,	Phytophthora cinnamomi	breeding 2888
8263	control 3951	enzymes 5046
soil treatment 4184 Thiourea	Queensland 3951  Thuja orientalis	genetic transformation 2233 induced resistance 2233
activity	diseases, Korea Republic 4433	infectivity 2234
Aspergillus niger 3765 Cochliobolus miyabeanus 3765	plant extracts, antifungal agents 2020  Thujopsis dolabrata	proteins 6745 replication 495
control, potatoes, mycoplasma-like	Pezicula livida, Hokkaido 547	RNA 1456, 2234, 5046, 7979
organisms 5017	plant extracts, antiviral properties 3199	satellite RNA 1259, 2233, 3534
Thiram activity	Sarea resinae, Hokkaido 547 Thymus capitatus, air pollution, fertility	symptoms 3534, 6745 digitaria streak virus, RNA 1251
Acremonium lolii	3490	diseases
Lolium perenne 872 Poa pratensis 872	Thymus vulgaris Glomus mosseae, mycorrhizas, growth	books 5904 breeding 5035
Alternaria alternata 7983	5339	enzymes 4783
Aspergillus flavus 195	plant oils, antibacterial agents 7012	ethylene 4783 induced resistance 4783
Fusarium oxysporum f.sp. sesami 4998	Tilia sodium chloride	Iraq 4354
garlic 1090	damage 3554	Taiwan 2887

Tobacco cont.	Tobacco cont.	Tobacco cont.
diseases cont.	potato Y potyvirus cont.	tobacco mosaic tobamovirus cont.
varietal reactions 4354	genetics 5042	protoplasts 493
Erwinia carotovora subsp. carotovora	infectivity 7374	replication 5905
Korea Republic 2238	Italy 5511, 7374	resistance 1450, 7976
overwintering 2238	mixed infections 964	RNA 5457, 5905
Puerto Rico 1930	North Carolina 1453	serology 1250
Erysiphe cichoracearum	spread 5511	somaclonal variation 2231
breeding 5036, 5047, 5049, 7981	synergism 964	symptoms 5038
Bulgaria 7981	transmission 7374	temperature 5040
France 7981	vectors 1453	tissue culture 1451
fungicide tolerance, genetic transforma-	Pseudomonas solanacearum	translocation 3533 varietal reactions 493
tion 496	bacteriocin 7987	tobacco necrosis necrovirus, pathogene-
Fusarium oxysporum f.sp. nicotianae	biological control 1464 control 1463	sis-related proteins 1452, 7978
fungicides 4361 isolates 4361	ecology 6761	tobacco streak ilarvirus
West Bengal 4361	gene expression 501	Oueensland 5043
Glomus monosporum, mycorrhizas, dis-	host parasite relationships 2236	transmission 5043
eases 7982	hypersensitivity 501	tobacco vein mottling potyvirus, cyto-
Macrophomina phaseolina	induced resistance 7987	plasmic inclusions 5045
pathogenicity 1462	molecular genetics 2236	tomato spotted wilt virus
Turkey 1462	mutants 2237	breeding 5037
varietal reactions 1462	Queensland 6761	control 263
mung bean yellow mosaic geminivirus,	rotations 5912	Georgia 5044
protoplasts 7382	South Africa 1463	vectors 263
ozone, enzymes 2892	varietal reactions 5912	Trichoderma viride
pathogenesis-related proteins, elicitors	virulence 2237	ethylene 7990
2227	Pseudomonas syringae pv. aptata	host parasite relationships 7990
Peronospora tabacina	histochemistry 7989	viruses
Africa 6749	host parasite relationships 2891,	inclusion bodies 3917
books 6196	7989	Taiwan 3917
Canada 6757	Pseudomonas syringae pv.	Tobacco etch potyvirus
conidia 6756	atropurpurea	Capsicum 2405
environmental factors 2889, 6755-	physiology 4363	enzymes 4770
6756	toxins 4363	immunodiagnosis 710
epidemiology 6755	Pseudomonas syringae pv. pisi,	molecular genetics 7339
Europe 2889, 6749	phytoalexins 6760	monoclonal antibodies 4771
host parasite relationships 6750-	Pseudomonas syringae pv. syringae	potatoes 492
6751	defence mechanisms 5051	proteins 1249
host specificity 6753	host parasite relationships 5050	RNA 243
induced resistance 3530, 6754	hypersensitivity 5050	tobacco 4353
infection 2890	phytoalexins 5051	tomatoes 7994-7998
Middle East 6749	Pythium, culture 6746	transmission 5456
models 6748	Pythium aphanidermatum	Tobacco leaf curl geminivirus, tomatoes 5917
North Carolina 6748	biological control 497	Tobacco mosaic tobamovirus
pathogenicity 2889 peroxidases 3530	integrated control 7986 Philippines 497	antiviral agents 230
resistance 6752	Rhizoctonia solani	aubergines 2415
reviews 6750-6751, 7980	culture 6746	buckwheat 4080
spread 6748	pathogenesis-related proteins 1458	Capsicum 1096-1097, 1250, 2404-2405,
pesticides, application 6747	Sclerotinia sclerotiorum	3038, 3043, 5203, 6116, 6938,
phylloplane fungi, control 4682	survival 4362	8305-8306, 8308, 8311
phytoalexins	varietal reactions 4362	coat proteins 6410
gene expression 5051	West Bengal 4362	crops 7325
genetic engineering 1457	storage decay	Dipladenia sanderi 379
molecular genetics 5051	environmental factors 498-499	enzymes 1899
Phytophthora megasperma f.sp.	potassium sorbate 498-499	Eustoma grandiflorum 2703
glycinea	Thanatephorus cucumeris, environmen-	Eutrema wasabi 1250
elicitors 7984	tal factors 1461	gene expression 7346
pathogenesis-related proteins 7984	Thielaviopsis basicola	infection 6410
Phytophthora nicotianae var.	antagonists 5910	molecular genetics 1898, 3919, 5465
nicotianae	breeding 5037	monoclonal antibodies 3201
assays 7985	mycorrhizas 7982	movement 7346
breeding 1460	soil chemistry 5911	Nicotiana glutinosa 7347
calcium 500	varietal reactions 5911	Nicotiana sylvestris 4772
control 5048, 7985 culture 6746	tobacco etch potyvirus, proteins 4353	plant extracts 3202
	tobacco mosaic tobamovirus	Quercus cerris 2923
host parasite relationships 1459, 5048	antiviral agents 8308	Radicula sylvestris 1250
pathogenesis-related proteins 500	breeding 2888, 5036	RNA 238, 1897, 1899-1900, 7345
phytoalexins 5048	coat proteins 5039-5040 control 3531	satellite viruses 3532 serology 1250, 3201
resistance 500	elimination 2231	sugarbeet 2971
susceptibility 6758	enzymes 2229, 7977	tobacco 493-494, 1250, 1450-1451,
varietal reactions 1460, 5048	genetic transformation 7976	2228-2231, 2887-2888, 3530-3531,
Virginia 4359	glucans 5906	3533, 4350-4352, 5035-5036,
yield losses 4359	host parasite relationships 7344,	5038-5041, 5457, 5905-5906,
Phytophthora nicotianae var. parasitica	7975, 7977	6744, 7313, 7344, 7347, 7416,
calcium 500	hypersensitivity 6744	7975-7977, 8308
pathogenesis-related proteins 500	induced resistance 3530, 5039-5040,	tomatoes 1250, 1465-1466, 1895, 2894-
resistance 500	5906	2895, 3199, 4367, 5915-5916,
plant extracts, antifungal agents 4672,	inhibition 2230, 7313, 7347	5963, 6764-6765, 7344, 7992,
5536	localization 5457	7994-7998
potato X potexvirus 5909	molecular genetics 5038	ultraviolet radiation 238
kinetin 2232	movement 4352	Tobacco necrosis necrovirus
mixed infections 964	pathogenesis-related proteins 2228-	characteristics 2548
replication 2232	2229, 4350-4351, 6744, 7344,	forest trees 2915
synergism 964	7416, 7975	nucleotide sequences 5492
potato Y potyvirus	peroxidases 3530	proteins 3911
breeding 2888	phytoalexins 494	satellite viruses 3920
control 3531	plasmodesmata 4352	soyabeans 6059
enzymes 5907	proteins 3533, 5041	taxonomy 3911

Tobacco necrosis necrovirus cont.	Tomato black ring nepovirus cont.	Tomatoes cont.
tobacco 1452, 7978 tulips 2694	Sorbus aucuparia 2923 Tomato bushy stunt tombusvirus	Alternaria solani cont. phylloplane fungi 2907
Vigna unguiculata subsp. sesquipedalis	characteristics 1913	races 5057
6903	crystallography 1258	sporulation 8021
Tobacco necrosis satellite virus	Sambucus nigra 2923	susceptibility 2510
calcium 4767	strains 1913	testing 5057
characteristics 2548 crystallography 4767	tomatoes 3537	toxins 2510, 8025
Tobacco necrotic dwarf luteovirus,	Tomato golden mosaic geminivirus molecular genetics 4769, 7383, 7387	ultrastructure 8025 varietal reactions 972, 2903
monoclonal antibodies 1248, 7330	RNA 1257	Ascochyta heteromorpha, toxins 7
Tobacco necrotic necrovirus, cucumbers	tomatoes 5918	Aspergillus niger
6838	Tomato leaf curl virus	control 4378
Tobacco rattle tobravirus	antagonism, tomato mosaic	Nematoda 504
crops 7325	tobamovirus 2893	seed germination 504
molecular genetics 5496	India 7332	storage 4378
proteins 7353 rye 4845	tomatoes 1467-1468, 2893, 4366, 7993 Tomato mosaic tobamovirus	bacteria detection 6782
Solanum 7917	Capsicum 8311	seeds 6782
tulips 2694	tomato leaf curl virus, antagonism 2893	big bud
Vigna unguiculata subsp. sesquipedalis	tomatoes 1465, 2240, 2893, 4370, 7991	immunodiagnosis 3536
6903	Tomato ringspot nepovirus	mycoplasma-like organisms 3536
Tobacco ringspot nepovirus	apples 4220	Botrytis cinerea
Capsicum 2405	cloning 3196	control 3953, 7399
Cucurbitaceae 4510	detection 711, 3196	Israel 7399
molecular genetics 7341 plants 3216	monoclonal antibodies 711 nucleotide sequences 5490	pathogenicity 1206 citrus exocortis viroid
satellite RNA 7341	plums 2790	interactions 1261
soyabeans 1048	tomatoes 1397	nucleotide sequences 8000
Vaccinium 5775	Vaccinium 5775	pathogenesis-related proteins 7999
Tobacco streak ilarvirus	Tomato spotted wilt virus	strains 8000
Ageratum houstonianum 5043	Anemone coronaria 3234	symptoms 1261
asparagus 4595	Capsicum 263, 3234, 6117-6118, 6936,	Clavibacter michiganensis subsp.
Leguminosae 3616	8307	michiganensis
lucerne 409	characteristics 7364	detection 8029
tobacco 5043  Tobacco vein mottling potyvirus	chrysanthemums 5707, 6576 Eustoma 4183	host parasite relationships 6781 in vitro selection 1478
amino acids 5478	Eustoma grandiflorum 3234	polysaccharides 8026
RNA 3946, 5478	greenhouse crops 1270, 5515	seed treatment 4384
tobacco 5045	groundnuts 4553-4554, 6884, 6887,	seeds 3232
transmission 5456	8218	Turkey 3232
Fobacco veinbanding mosaic virus, tobacco	immunodiagnosis 7379	Coniothyrium olivaceum, Oman 5924
2887	Impatiens 4183	Corticium rolfsii
Folclofos-methyl activity	lettuces 4584  Mentha piperita 5825	storage decay 4382 temperature 4382
Rhizoctonia 5295	monoclonal antibodies 5470	cucumber mosaic cucumovirus
Rhizoctonia solani 2057, 5984	Netherlands 5466, 6423	Bermuda 3233
control	Nicotiana benthamiana 4183, 5473	Fujian 967
Capsicum, damping off 2409	nucleotide sequences 7369	induced resistance 1470-1471
Pythium, groundnuts 1077	ornamental plants 356, 4766	Italy 1471, 3535
Rhizoctonia solani	Petunia 1270	molecular genetics 4371
groundnuts 1077 ornamental plants 6567	Ranunculus asiaticus 3234 Schlumbergera truncata 3348	New York 3233 RNA 3540
potatoes 3510	serology 5470	satellite RNA 967, 1469-1471,
rape 5984	serotypes 3925	3233, 4371, 5920
Thanatephorus cucumeris,	Sinningia speciosa 1270, 3350	satellite viruses 6766
sugarbeet 5136	tobacco 263, 5037, 5044	serology 3233
wheat, diseases 287	tomatoes 263, 3234, 4766	strains 2547
fungicide tolerance, Macrophomina	transmission 5466, 6423	symptoms 2242, 3203, 3540, 4371,
phaseolina 7568	Tomato yellow leaf curl geminivirus, toma-	6766 defence mechanisms, proteins 2239
photolysis 1726 phytotoxicity, wheat 286	toes 691, 2241, 3541, 4366, 4368, 5914	Didymella lycopersici
seed treatment	Tomato yellow top luteovirus	control 8017
cotton 2057	immunodiagnosis 3915	taxonomy 505
wheat 286	tomatoes 8002	diseases
soil treatment 2057	Tomatoes	assessment 2899
Tolylfluanid, control, Venturia inaequalis,	Agrobacterium rhizogenes	books 965, 6191-6192
apples 2759	roots 1479	breeding 3955, 7991-7992 California 965
Tolyposporium ehrenbergii, sorghum 1358 Tolyposporium penicillariae, Pennisetum	varietal reactions 1479 Agrobacterium tumefaciens, Nematoda	control 261, 4364-4365, 5921, 6423
americanum 805, 807, 2651, 5632,	6763	Costa Rica 5921
7580-7582	Alternaria alternata	growing media 4365
Tomatine, control, Fusarium solani, toma-	enzymes 509	India 4385, 7405
toes 8019	infection 6774	integrated control 965
Tomato apical stunt viroid	pathogenicity 509	Malaysia 6422
molecular genetics 7389	postharvest decay 6774	pathogenesis-related proteins 4782 reviews 7405
pathogenicity 7389	protoplasts 509	USSR 7992
tomatoes 5052 Tomato aspermy cucumovirus	storage 6776 susceptibility 6774	varietal reactions 2899, 7993
Capsicum 6117	temperature 6776	Erwinia amylovora
evolution 7368	toxins 6775	agglutinins 7080
Mentha spicata 4302	varietal reactions 8018	host parasite relationships 7080
nucleotide sequences 3931, 3943, 7368	Alternaria solani 508	Erwinia carotovora subsp. carotovora
serology 3914, 5459	antagonists 2907	Puerto Rico 1930
tomatoes 3538	Bulgaria 5057	varietal reactions 2911 Erwinia persicinus, taxonomy 1685
USSR 3914	chlamydospores 4377 control 691, 968, 5925, 8021	Erysiphe, Italy 3548
Tomato black ring nepovirus detection 3197	genetics 3547	Fulvia fulva
grapes 5808	host specificity 2510	breeding 2902
RNA 3197	inoculum 4377	control 691, 968
Sambucus nigra 2923	Iraq 691	genetics 971

Tomatoes cont.	Tomatoes cont.	Tomatoes cont.
Fulvia fulva cont.	Phytophthora breeding 8013	Pseudomonas solanacearum cont. inoculation 8027
integrated control 6771 Iraq 691	mutants 2900	integrated control 7419
pathogenesis-related proteins 5055	resistance 2900	Martinique 1481
Uzbek SSR 2902	USSR 8013	Nematoda 6762
fungicide residues	Phytophthora capsici	resistance 5931
degradation 8005	pathogenicity 5516	Réunion 5930
New Jersey 1732	Taiwan 5516	spread 5931
phytotoxicity 4372	Phytophthora cryptogea rockwool 2245-2246	strains 1481 testing 6778
fungicides residues 966	roots 2245-2246	varietal reactions 2909, 3551, 593
translocation 8007	temperature 2246	6762, 6778
Fusarium	Phytophthora infestans	yield losses 2909
biological control 6431	control 3971, 7064, 8014	Pseudomonas syringae pv. syringae
Jordan 8008	fitness 3151	Georgia 5933
soil solarization 8008	forecasting 3545	survival 5933
Fusarium oxysporum	fungicide tolerance 3151	Pseudomonas syringae pv. tomato
biological control 3959 characteristics 969	histopathology 8014 Italy 3545	Chile 8028 DNA probes 3550
Fusarium oxysporum f.sp. lycopersici	models 3545	Georgia 5933
antagonists 8010	pathogenesis-related proteins 7416	races 1480
breeding 4373, 4375	races 5361	resistance 1480
cytology 1473-1474	soil amendments 3971	seeds 3232
DNA 8011	USSR 5361	survival 5933
Florida 4374	varietal reactions 6770	toxins 3550
genetics 4373	vegetative compatibility groups	Turkey 3232
herbicides 5053	5361	Pyrenochaeta lycopersici biological control 3964
host parasite relationships 3465, 8012	Phytophthora megasperma f.sp. glycinea	biology 976
in vitro selection 7397, 8009	elicitors 2898	control 976, 4381
Japan 5054, 8011	host parasite relationships 2898	mycorrhizas 2248
Nematoda 5922, 6762-6763	Phytophthora nicotianae var. nico-	survival 975
overwintering 4374	tianae, control 4383	symptoms 976
phytoalexins 8012	Phytophthora nicotianae var. parasitica	temperature 975
Queensland 4375	environmental factors 8023	varietal reactions 975
races 4374-4375, 5054	epidemiology 8023	Pythium
taxonomy 8011 varietal reactions 1473-1474, 4374,	genetics 6772 salinity 3546	control 4379, 5913 Florida 4379
6762, 6768	varietal reactions 973	Israel 5913
vegetative compatibility groups	zoospores 3546	Pythium aphanidermatum
3543	Pleospora herbarum, varietal reactions	biological control 4785
Fusarium oxysporum f.sp. radicis-	2901	control 974
lycopersici	postharvest decay, Orissa 8006	Nematoda 504
control 1472, 3542	potato M carlavirus, immunodiagnosis	seed germination 504
DNA 8011	8003	Pythium butleri, New Zealand 207
enzymes 1476 host parasite relationships 1475-	potato spindle tuber viroid detection 3220	Pythium debaryanum, Nematoda 59: Rhizoctonia solani, antagonists 8015
1476	enzymes 2243, 3539	Rhizopus stolonifer, control 6773
induced resistance 5923	estimation 722	seedborne bacteria, detection 2913
Japan 8011	histopathology 5919	Septoria lycopersici, resistance 5056
New Brunswick 1477	induced resistance 4369	Stemphylium botryosum f.sp. lycope
pathogenesis-related proteins 6769	inoculum 722	sici, histopathology 4376
rockwool 1472	interactions 1261	Stemphylium lycopersici, vitamins 9'
taxonomy 8011	localization 5457	Stemphylium vesicarium
UK 3542 varietal reactions 1477	mixed infections 5916 Netherlands 2896	enzymes 3549 varietal reactions 2901
vegetative compatibility groups	RNA 2896	storage decay 2244
3544	susceptibility 722	control 2897, 8004
Fusarium roseum	symptoms 1261	temperature 8004
control 7415	potato X potexvirus, plant extracts	yield losses 2311
storage 7415	3199	tobacco etch potyvirus
Fusarium solani, control 8019	potato Y potyvirus	mixed infections 7994, 7996
Geotrichum candidum, control 5926	environmental factors 503	photosynthesis 7997
Glomerella cingulata, toxins 2220 Glomus caledonium, mycorrhizas, dis-	Himachal Pradesh 503, 8001 Italy 3535	pigments 7997 quality 7994
eases 2248	varietal reactions 8001	varietal reactions 7995
Glomus fasciculatum, mycorrhizas,	Pseudomonas cichorii	water relations 7998
Nematoda 130, 7148	copper 510	yield losses 7996
Leveillula taurica	DNA 510	tobacco leaf curl geminivirus
culture 3969	Pseudomonas corrugata	Cambodia 5917
infection 3969	Israel 2912	varietal reactions 5917
mycorrhizas, varietal reactions 7147 Oidium lycopersicum	São Paulo 6779 seeds 2912	tobacco mosaic tobamovirus
Germany 2906	Pseudomonas fluorescens	antiviral agents 4367 breeding 2894
taxonomy 2906	copper 510	chromosome abberations 6764
ozone	DNA 510	host parasite relationships 7344
damage 2914	Pseudomonas marginalis, controlled	identification 1465
yield losses 2251	atmospheres 2250	induced resistance 1895
pelargonium zonate spot virus	Pseudomonas putida	Japan 5963
alternative hosts 6767 Italy 6767	copper 510 DNA 510	mixed infections 5916, 7994, 7996
Penicillium pinophilum	Pseudomonas solanacearum	molecular genetics 1466 pathogenesis-related proteins 734
control 5913	breeding 5927	photosynthesis 7997
Israel 5913	control 977, 2249	pigments 7997
Phoma andina var. crystalliniformis	enzymes 7014	plant extracts 3199
control 8020	genetic engineering 7014	quality 7994
resistance 8020	Guadeloupe 1481	seed treatment 6765
yield losses 8020 Phoma destructiva, taxonomy 507	host parasite relationships 1481 India 7419	serology 1250 strains 1895
phyllonlane fungi control 4682	Indonesia 2909	USSR Far Fast 2895

omatoes cont.	Tomatoes cont.	Triacontanol
tobacco mosaic tobamovirus cont.	Xanthomonas campestris pv. vesi-	control
varietal reactions 2895, 7995	catoria cont.	barley yellow dwarf luteovirus
water relations 7998	resistance 3970	maize 3237
yield losses 7996	seeds 3232	Pennisetum americanum 3237
tomato apical stunt viroid	spread 511	Triadimefon
mutants 5052	Taiwan 3970, 6211	activity
nucleotide sequences 5052 pathogenicity 5052	testing 5058	Acremonium lolii
tomato aspermy cucumovirus, ultra-	thinning 511	Lolium perenne 872
structure 3538	Turkey 3232	Poa pratensis 872
tomato bushy stunt tombusvirus, Cali-	varietal reactions 5928-5929, 5932	Botrytis cinerea 8267
fornia 3537	Zygorrhynchus moelleri, growth 4786	Drechslera poae, Poa pratensis
tomato golden mosaic geminivirus	Tomicus piniperda, transmission, Leptographium wingfieldii 4453	6604
Costa Rica 5918	Torikuramido, control, Plasmodiophora	maize 7053
transmission 5918	brassicae, Chinese cabbages 6000	wheat 3998, 6450
yield losses 5918	Toxoptera aurantii, transmission, citrus	control
tomato leaf curl virus	psorosis virus 4122	black currants, diseases 4258
breeding 1467	Toxoptera citricidus, transmission, citrus	Botrytis cinerea, Cicer arietinum 8267
Egypt 4366	psorosis virus 4122	
mixed infections 2893	Trace elements, control, potatoes, storage	Cenchrus ciliaris, ergot 6605 Coleosporium asterum, Callis-
transmission 1468, 4366	decay 2187	tephus chinensis 4173
yield losses 4366	Trachyspermum ammi	Erysiphe graminis, barley 4833
tomato mosaic tobamovirus	Chaetomium funicola	Erysiphe polygoni
identification 1465	Andhra Pradesh 5822	Vigna mungo 4523
mixed infections 2893	seeds 5822	Vigna radiata 4523
Nematoda 4370	Trachyspora intrusa, Alchemilla gracilis	Gaeumannomyces graminis, maize
physiology 2240	1218	7565
tomato ringspot nepovirus South Carolina 1397	Trametes lactinea	Glomerella cingulata, Coriandrum
susceptibility 1397	Albizia lebbek 1569	sativum 2165
tomato spotted wilt virus	mangoes 1569	Hemileia vastatrix, coffee 2681-
Belgium 4766	Terminalia arjuna 1569	2682
control 263	Trametes trogii, Populus 4418	lawns and turf, diseases 873
Italy 3234	Tranzschelia, taxonomy 1867	Magnaporthe poae, Poa pratensis
transmission 4766	Tranzschelia discolor	6604
vectors 263	apricots 4962	Microsphaera alphitoides, Quercus
tomato yellow leaf curl geminivirus	spore germination 2132  Tranzschelia discolor f.sp. dulcis, almonds	8071
control 691	912	Mycosphaerella berkeleyi, ground-
Egypt 4366	Tranzschelia pruni-spinosae, apricots	nuts 38
immunodiagnosis 2241	4962, 7247	Oidium, peas 6034
insects 5914	Trees	Oncobasidium theobromae, cocoa 2572
Iraq 691	acid rain, damage 4405	Pyrenophora teres, barley 4833
Italy 3541	Armillaria	Sphacelotheca reiliana, maize 5618
resistance 4368	control 4390	Sphaerotheca macularis, strawber-
screening 5914	diagnosis 4390	ries 6665
transmission 3541, 4366	cavities in trees, detection 3552	Sphaerotheca mors-uvae, black cur
vectors 2241	Chondrostereum purpureum	rants 4259
yield losses 4366	New Brunswick 8052	Uncinula necator, grapes 5815
tomato yellow top luteovirus characteristics 8002	sprouting 8052	Ustilago scitaminea, sugarcane 487
purification 8002	damage, assessment 6784	7965
Verticillium albo-atrum	decline, Australia 8045	Ustilago striiformis, Poa pratensis
host parasite relationships 2905	defence mechanisms, reviews 5060	6604
pathogenicity 8024	diseases	wheat, diseases 744
Verticillium dahliae	books 5936	fungicide residues
California 2908	Philippines 8038	estimation 29
China 3230	USA 2934	groundwater 29
control 2908	fungi RSFSR 8040	wheat 3249
genetics 2247	suberization 4391	fungicide tolerance Sphaerotheca mors-uvae 4258,
Greece 4380	Glomus	5779
iron 8022	mycorrhizas	Uncinula necator 2825, 4288
isolates 2904	growth 2499	phytotoxicity, sugarcane 487
Japan 2904	phosphorus 2499	seed treatment
races 2247 resistance 8022	Taiwan 2499	Cicer arietinum 8267
soil treatment 4380	mycorrhizas	Festuca arundinacea 6600
toxins 2247	Alberta 5329	soil treatment 5624
USSR 506	biochemistry 1748	Triadimenol
varietal reactions 506, 2904, 6768	books 7104	activity
virulence 3230	damage 2491	Aspergillus flavus 1145
viruses	growth 137	Aspergillus nidulans 1721
inclusion bodies 3917	heavy metals 4702	barley 5530
Taiwan 3917	identification 7104	Nectria haematococca var.
varietal reactions 5915	inoculation 60	cucurbitae 6283
Xanthomonas campestris pv.	nitrogen 3810	Rhizoctonia 5295
vesicatoria	nurseries 5329 Tanzania 3810	wheat 5530 control
alkaloids 6783	UK 7104	Acremonium coenophialum, Fes-
Chile 8028	Rhizoctonia solani, India 5061	tuca arundinacea 7738
control 511, 2910, 6210 copper 510	Tubakia dryina	Botrytis cinerea, Cicer arietinum
DNA 510	symptoms 8041	8267
fertilizers 6780	USA 8041	cereals, diseases 2588
genetics 5928	Xylella fastidiosa, immunodiagnosis	Crinipellis perniciosa, cocoa 7422
histopathology 6777	2924	Erysiphe graminis, wheat 745
host parasite relationships 6783	Tremella tawa	Fusarium
inoculation 3970	New Zealand 2524	barley 5530
North Carolina 6210	taxonomy 2524	wheat 5530
Oklahoma 2910	Tremella vesiculosa	Fusarium culmorum, wheat 4034
plasmids 2910	New Zealand 2524	Gaeumannomyces graminis, maize
races 3970, 6210-6211	taxonomy 2524	7565

Triadimenol cont.	Trichoderma cont.	Trichoderma pseudokoningii cont.
control cont.	metabolites 5392 Pleurotus 3663	antagonism cont. Sclerotium cepivorum 7194
Gaeumannomyces graminis var. graminis, wheat 1302	protoplast fusion 6381	groundnuts 4563
Mycosphaerella fijiensis, bananas	Pseudotsuga menziesii 4440	maize 7553
6673	soil 5741	nutrients 7194
Mycosphaerella musae, bananas 6669	Trichoderma glaucum, control, Corticium rolfsii, wheat 311	spore germination 7194 Trichoderma viride
Mycosphaerella musicola, bananas	Trichoderma hamatum	antagonism
6669	antagonism, plant pathogens 5510	Botrytis 2365
Oncobasidium theobromae, cocoa	control	Botrytis cinerea 7194
2572-2573 Pleospora betae, sugarbeet 5135	Botrytis cinerea, tulips 6595 diseases, Phytophthora cinnamomi,	Claviceps fusiformis 328, 7579 Fusarium oxysporum f.sp. ciceris
Puccinia striiformis, wheat 6457	raspberries 5510	8274
Septoria apiicola, celery 3604	Rhizoctonia solani 7304	Rhizoctonia solani 7194, 7199
Sphacelotheca reiliana, maize 5618	maize 7553	Sclerotium cepivorum 7194
fungicide residues determination 7061	Picea abies 8109 Trichoderma harzianum	Cicer arietinum 8270
wheat 3249	antagonism	Botrytis cinerea, strawberries 6664
fungicide tolerance	Claviceps fusiformis 328, 7579	Botrytis fabae, faba beans 2365
Rhynchosporium secalis 6484, 7530	Fusarium oxysporum f.sp. ciceris 8274	Corticium rolfsii, barley 787 Fusarium oxysporum f.sp. narcissi,
Uncinula necator 4288 Ustilago segetum var. avenae 3127	plant pathogens, cassava 1642	Narcissus 2710
seed treatment	Pyricularia oryzae 3303	Fusarium oxysporum var.
Cicer arietinum 8267	conidia 3836	orthoceras, wheat 7451
Festuca arundinacea 6600 Medicago 1306	control  Botrytis cinerea, grapes 4290	Fusarium udum, pigeon peas 8268 Macrophomina phaseolina, cowpeas
sugarbeet 5135	Corticium rolfsii	630
wheat 286, 760, 773, 1306	barley 787	Rhizoctonia solani
Trialeurodes abutiloneus, transmission,	tobacco 497	chrysanthemums 7700
diodia vein chlorosis virus 3683  Trialeurodes vaporariorum	Fulvia fulva, tomatoes 968 Fusarium oxysporum f.sp. radicis-	lettuces 4585 growth 1207
transmission	lycopersici, tomatoes 3542	laboratory tests
beet pseudo-yellows virus 1626	Macrophomina phaseolina	lectins 5239
melons, yellowing 2340-2341	sunflowers 3957	pesticides 424
Trialeurodes variabilis, transmission, cas- sava X virus 8317	Vigna radiata 3957 Phomopsis sclerotioides, cucumbers	metabolites 4735 nucleotide sequences 5390
Triarimol	2348	nutrients 7194
activity	Phytophthora capsici, Capsicum	oxygen consumption 1209
Cercospora rosicola 1728	3046	Picea abies 5111, 8109
wheat 3998 Triazines	Pythium aphanidermatum aubergines 644	soil 8270 spore germination 7194
activity	tobacco 497, 7986	tobacco 7990
Aspergillus niger 3765	Rhizoctonia solani 7304	Tricholoma auratum, pines, mycorrhizas
Cochliobolus miyabeanus 3765	Abelmoscitus esculentus 1106	3139
Triazole fungicides antifungal properties 1724, 3757	chrysanthemums 7700 potatoes 2870	Tricholoma flavobrunneum, Betula pendula, mycorrhizas 3139
control, Erysiphe graminis, barley	root rots, crops 7413	Tricholoma matsutake, culture media 4698
2628, 3757, 5593	Sclerotinia sclerotiorum 5153	Tricholoma populinum, Populus 2270
fungicide tolerance	Verticillium dahliae, potatoes 2207 cotton 1931	Tricholoma robustum, cytology 669 Trichosanthes dioica
Erysiphe graminis 6481 Pseudocercosporella herpo-	environmental factors 690	Erysiphe cichoracearum, control 5149
trichoides 3984	enzymes 7200	Fusarium oxysporum
structure activity relationships 5298	grapes 2833	India 8119
synthesis 51-52, 5299 Trichachne insularis	growth 690 hyperparasitism 3901	infection 8119 storage 8119
Pseudocercosporella trichachnicola	Sclerotinia sclerotiorum 5153	Gibberella fujikuroi
endophytes 7744	immunodiagnosis 6352	India 8119
taxonomy 7744	laboratory tests	infection 8119
Trichocladium basicola, clovers 4928, 7749	pesticides 424 thiazolidinones 5296, 5302	storage 8119 Trichosanthes mottle potyvirus,
Trichoderma	maize 1931	Cucurbitaceae 4511
Acacia mangium 1500	mushrooms 8293	Trichoscyphella willkommii, larch 3575
antagonism  Colletotrichum musae 6671	nucleosides 3836	Trichothecium roseum
Fusarium oxysporum f.sp. ciceris	nucleotides 3836 protoplasts 3835	antagonism, plant pathogens 5510 hyperparasitism, Rhizoctonia solani
8273	Schizachyrium scoparium 7235	692
Fusarium oxysporum f.sp. radicis-	soil 3835, 7235	maize 5616
lycopersici 3166 Macrophomina phaseolina 3873	Trichoderma koningii activity	Phaseolus vulgaris 4532 toxins 3860
plant pathogens 6179	Gaeumannomyces graminis var.	Trichurus, antagonism, Pleurotus 1089
Pleurotus 1089	tritici 3272	Tricyclazole
Anthurium 2073	soil fungi 3272	activity
apples 4956, 5741 Areca catechu 5855	antagonism, Rhizoctonia solani 8015 antibiotics 3272	Pyricularia oryzae 5294 Sclerotinia 1727
control	control, Rhizoctonia solani, Abelmos-	Tridemorph
Botrytis cinerea, strawberries 4261	chus esculentus 1106	activity
Gaeumannomyces graminis, cereals	Dieffenbachia 2092	barley 776
2582 Phytophthora cactorum, apples 900	Picea abies 5111 Trichoderma longibrachiatum	Nectria haematococca var. cucurbitae 6283
Phytophthora capsici, Capsicum	antagonism, Rhizoctonia solani 3308	wheat 3998
2406	control, plant pathogens 4785	control
Polymyxa betae, sugarbeet 5134 Rhizoctonia solani, chrysanthe-	maize 4071	bananas, postharvest decay 7825
mums 856	Trichoderma piluliferum, Picea abies 8109 Trichoderma polysporum, Picea abies 8109	Ceratocystis paradoxa, pawpaws 6681
root rots 1655	Trichoderma pseudokoningii	Erysiphe polygoni
Verticillium albo-atrum, aubergines	antagonism	Cuminum cyminum 4992
3679 growth 5386	Botrytis cinerea 7194 Fusarium solani f.sp. cucurbitae	Vigna mungo 4523 Vigna radiata 4523
hyperparasitism, plant pathogens 6184	6849	Exobasidium vexans, tea 3528
lettuces 2393	Rhizoctonia solani 7194, 8015	groundnuts, diseases 3643, 4560

Tridomorph cont	Triphysomium flipsydules toursen.	Truly 1 1
Tridemorph cont. control cont.	Triphragmium filipendulae, taxonomy	Tulip breaking potyvirus cont.
Mycosphaerella fijiensis var. dif-	Triphragmium ulmariae, taxonomy 1877	nucleotide sequences 5463 tulips 2722
formis, bananas 7827	Triticale	Tulips
Phomopsis psidii, guavas 3967	barley yellow dwarf luteovirus	Botrytis cinerea
Phomopsis viticola, grapes 3967	detection 7444	biological control 6595
Puccinia striiformis, wheat 745	genetics 1273	symptoms 6596
Rhynchosporium secalis, barley	diseases, breeding 2578	diseases, Italy 5699
6485, 7530 Salamathan Galinina	Erysiphe graminis, genetics 4014	Fusarium oxysporum f.sp. tulipae,
Sphaerotheca fuliginea,	Fusarium	breeding 6594
Cucurbitaceae 1041 fungicide tolerance	fertilizers 7436	Pythium ultimum, biological control
Erysiphe graminis 6480	plant growth regulators 7436 seeds 2579, 7436	3352 tulip breaking potyvirus, varietal reac-
Penicillium italicum 3314	symptoms 3979	tions 2722
Triflumizole	toxins 3979	viruses, USA 393
activity	varietal reactions 2579, 7436	Tunisia
Gibberella fujikuroi, rice 5657	Gibberella zeae	artichokes, cucumber mosaic
Sphaerotheca fuliginea 1703	pathogenicity 3985	cucumovirus 4596
control	trichothecenes 3985	Cicer arietinum, diseases 4573
Gibberella fujikuroi, rice 2664	Pseudocercosporella herpotrichoides,	globe artichokes, potato X potexvirus
Sphaerotheca fuliginea, cucumbers 4516	isolates 7441	1092
Sphaerotheca pannosa var. rosae,	Puccinia graminis, breeding 2577 Puccinia recondita	grapes, grapevine phloem-limited iso- metric virus 2823
roses 6592	breeding 2577	potatoes, Erwinia 5023
Venturia inaequalis, apples 6626	genetics 3256	Turkey
fungicide tolerance	phylloplane fungi 7471	almonds, Pseudomonas amygdali 1419
Gibberella fujikuroi 7616	varietal reactions 3256, 7471	aubergines
Venturia pirina 7785	Tilletia indica	eggplant mottled dwarf rhabdovirus
metabolism, cucumbers 4516	breeding 7486	2416
translocation, cucumbers 4516	life cycle 1940	tobacco mosaic tobamovirus 2415
Trifolium (see Clovers)	screening 7486	cabbages, cauliflower mosaic cau-
Triforine control	sporidia 1940	limovirus 8135 cauliflowers, cauliflower mosaic cau-
bananas, postharvest decay 7825	Triticum (see Wheat) Triticum monococcum	limovirus 8135
Botrytis elliptica, Lilium 6568	brome mosaic bromovirus	cereals
Cochliobolus nodulosus	genetic transformation 5534	Fusarium 2584
Eleusine coracana 4867	protoplasts 5534	Gibberella 2584
soil 3871	Tropical fruits, chlorosis, control 2805	Corylus avellana
Coleosporium asterum, Callis-	Tropical rain forests, mycorrhizas, Malay-	Aspergillus flavus 1521
tephus chinensis 4173	sia 7120	fungi 1521
Diplocarpon rosae, roses 6592, 7726	Tropics	crops, seedborne bacteria 3232
Monilinia fructicola, cherries 916	Albizia falcataria, diseases 2919	Cupressus sempervirens
Monilinia oxycocci, Vaccinium	Cassia, diseases 7761	Pestalotiopsis funerea 569 Seiridium cardinale 569
2141, 4968 Oncobasidium theobromae, cocoa	Cedrela, diseases 2917	grain legumes, viruses 2354
2572-2573	cocoa, storage decay 7421 crops, Fusarium 3224	grapes, grapevine leaf roll closterovirus
Trigonella foenum-graecum	fibre plants, diseases 3715	7840
Chaetomium globosum	forest trees	lawns and turf, diseases 1394
Andhra Pradesh 5822	charcoal rot 1488	Leguminosae, viruses 1591
seeds 5822	Colletotrichum 2922	lettuces, viruses 2390
Chaetomium mororum	Corticium rolfsii 2916	pears, storage decay 1415
Andhra Pradesh 5822	diseases 2917-2918, 2920-2921	potatoes, Rhizoctonia solani 2870
seeds 5822	mycorrhizas 62	satsumas, satsuma dwarf virus 7657 tobacco, Macrophomina phaseolina
Chaetomium trilaterale Andhra Pradesh 5822	forests, damping off 8039 groundnuts, diseases 4552	1462
seeds 5822	Leucaena leucocephala, diseases 2919	watermelons
Erysiphe polygoni	oilseed plants, diseases 3715	Phytophthora capsici 2350
breeding 5846	pastures, diseases 1390-1391	Pythium torulosum 2350
induced resistance 5846	pawpaws, Colletotrichum 2922	Turmeric
Fusarium	pines, Mycosphaerella gibsonii 2943	Beltrania rhombica, India 720
seeds 7198	potatoes, storage decay 2187	Colletotrichum capsici
toxins 7198	Tectona grandis, diseases 2917	crop residues 5849 India 7883
Fusarium oxysporum f.sp. cumini, sus- ceptibility 453	Tsibulins, activity, plant pathogens 57	varietal reactions 7883
Peronospora trigonella	Tsuga Aleurodiscus	Colletotrichum curcumae
control 5850	North America 7285	control 7893
Haryana 5850	taxonomy 7285	crop residues 5849
hosts 5850	Tsuga heterophylla	host range 5844, 7892
tobacco streak ilarvirus	Leptographium wageneri	India 7883, 7892, 7897
epidemiology 3616	North America 5088	Maharashtra 7893
pathotypes 3616	susceptibility 5088	survival 7892 varietal reactions 7883
seeds 3616 Washington 3616	Tsuga mertensiana Leptographium wageneri	Fusarium pallidoroseum, India 720
Trinidad and Tobago	North America 5088	Fusarium solani, Himachal Pradesh
cocoa	susceptibility 5088	6711
Crinipellis perniciosa 726, 7422	Tubakia dryina	Phoma medicaginis, India 720
Phytophthora palmivora 269, 6433	Quercus 8041	plant extracts, antifungal agents 2019
rice	Quercus rubra 3561	postharvest decay, Uttar Pradesh 7887
Pseudomonas fuscovaginae 3966	trees 8041	Pseudomonas solanacearum, Indonesia
rice hoja blanca tenuivirus 3966	Tuber aestivum  Quercus gracilipes, mycorrhizas 6302	7853 Turnip crinkle carmovirus
Rumex acetosa, Coniella musaiaensis var. hibisci 3966	Quercus gractifies, mycorrhizas 6302 Quercus pubescens, mycorrhizas 6302	molecular genetics 1255
Triphragmiopsis isopyri	Tuber albidum	nucleotide sequences 1256
hosts 4753	Alnus cordata, mycorrhizas 73	RNA 250
morphology 4753	Castanea sativa, mycorrhizas 73	turnips 1255
Triphragmiopsis jeffersoniae	Quercus suber, mycorrhizas 73	Turnip mosaic potyvirus
hosts 4753	Tuber brumale, copper 99	Brassica 1026
morphology 4753	Tuber melanosporum, copper 99	cabbages 2978
Triphragmiopsis laricinum	Tuberculania vulgaris, Picea 2300 Tulip breaking potyvirus	cauliflowers 8134 Chinese cabbages 5963
hosts 4753 morphology 4753	identification 5463	coat proteins 5486
morphology 4700		

Trttt	TIV cont	Illmus amonicana cont
Turnip mosaic potyvirus cont.	UK cont.	Ulmus americana cont.
crops 7325	mushrooms, Pythium oligandrum 1630	Ceratocystis ulmi cont. phytoalexins 6789
Cruciferae 5138	Narcissus, Fusarium oxysporum f. sp. narcissi 6589	population dynamics 6790
faba beans 8197 nucleotide sequences 1912, 5486	peas, Pseudomonas syringae pv. pisi	resistance 983, 6789
orchids 389	601	toxins 983
radishes 5963	pesticides	ultrastructure 983
swedes 5980, 6829	application 5276	Vermont 6790
weeds 6131	books 4656	Xylella fastidiosa, immunodiagnosis
Turnip yellow mosaic tymovirus	legislation 1131	2924
Brassica 5137	usage 5275	Ulmus pumila
mutants 2549	plant diseases, legislation 58, 2479-	Ceratocystis ulmi
RNA 2549	2480	China 5941
Turnips	Platanus acerifolia, Microsphaera	vectors 5941
seedborne fungi, biochemistry 8149	platani 7255	Ulocladium cucurbitae, cucumbers 1046,
Streptomyces acidiscables, pathogenic-	potatoes	8166
ity 5514	diseases 473, 1442	Ulocladium obovoideum, lemons 3886
Streptomyces scabies, pathogenicity	Erwinia carotovora subsp. atrosep-	Umbelliferae
5514	tica 5888 Fusarium solani vas. coeruleum	China 7258
turnip crinkle carmovirus, infectivity	2857	Puccinia 7258
1255	Phoma exigua var. foveata 2857,	taxonomy 7258 Uncinula necator
Xanthomonas campestris enzymes 2335	5018	grapes 450, 719, 1429, 2159-2160,
host parasite relationships 2335	Phytophthora infestans 6726, 6728	2825-2826, 2829-2831, 2837-2838,
Xanthomonas campestris pv.	Polyscytalum pustulans 2857, 5018	3475, 3477-3478, 4287-4288,
campestris	Pteridium aquilinum	4981-4982, 5815, 6273, 6691,
enzymes 6007	Ascochyta pteridis 3060	7841
pathogenesis 6007	Phoma aquilina 3060	Verticillium lecanii, hyperparasitism
Xanthomonas campestris pv. vitians,	rape, diseases 6830	2159
hypersensitivity 2335	Rubus, Peronospora rubi 6653	Uncinula necatrix
Tylospora fibrillosa, Picea sitchensis,	Salix	fungicide tolerance 6284
mycorrhizas 2496	Erwinia salicis 2932	Italy 6284
Tympanis, pines 1012, 2296	Glomerella miyabaena 3564	Uncinula salicis, Populus 541
Typhula incarnata	Pollaccia saliciperda 3564	United Arab Emirates, limes, witches'
barley 7536	Salix repens, Rosellinia desmazieresii	brooms 5664
histochemistry 1810	2273	Uraria picta, Macrophomina phaseolina,
sclerotia 1810	soil	Uttar Pradesh 460
wheat 773	Fusarium solani var. coeruleum	Urea, activity, Leptosphaeria nodorum,
Typhula ishikariensis	2857	wheat 6465
Cyperaceae 1276	Phoma exigua var. foveata 2857	Uredinales
Gramineae 1276	Polyscytalum pustulans 2857	appressoria 3159
Typhula ishikariensis var. ishikariensis,	strawberries, Verticillium dahliae 4262, 6663	electron microscopy 6347 ferns 1873
wheat 773	sugarbeet	haustoria, reviews 6348
Tyrophagus putrescentiae, control, Penicil- lium claviforme, apples 2126	beet necrotic vellow vein virus 5129	Hungary 7263
Uapaca guineensis, mycorrhizas, Senegal	Erysiphe betae 3591	Hyparrhenia 404
1176	viruses 1022, 6824	Japan 206, 697
Uganda	sunflowers, Botrytis cinerea 6701	Mongolia 4745
Eleusine coracana, Magnaporthe grisea	swedes, Phytophthora 1575	Pakistan 7247
7584	tomatoes, Fusarium oxysporum f.sp.	spore germination 6338
groundnuts, Pseudomonas	radicis-lycopersici 3542	spores 3192
solanacearum 8237	trees	taxonomy 3192
UK	cherry leaf roll nepovirus 3553	Xinjiang 1839
apples, Phytophthora cactorum 4953	mycorrhizas 7104	Uredinopsis longimucronata, Abies bal-
barley	Ulmus, Ceratocystis ulmi 2264	samea 8090
barley mild mosaic virus 4039	water, pesticides 5311	Uredinopsis mirabilis
barley yellow dwarf luteovirus 276,	wheat	Abies balsamea 552
2620	barley yellow dwarf luteovirus 276	Onoclea sensibilis 552
barley yellow mosaic virus 4039	Fusarium 1308	Uredo paederiae, Paederia foetida 2163
Erysiphe graminis 6480 Pseudocercosporella herpo-	Gaeumannomyces graminis var. tritici 6467	Urena lobata Cercospora geniculata
trichoides 1275, 3983	Leptosphaeria nodorum 6461	India 1215
Rhynchosporium secalis 6485, 7530	Mycosphaerella graminicola 6461	taxonomy 1215
Typhula incarnata 7536	Pseudocercospore!la herpo-	Urocystis agropyri
cereals	trichoides 1275, 3983	Poa pratensis 877
barley yellow dwarf luteovirus 2581	Ulmus	wheat 739, 5575
diseases 280, 6436	Ceratocystis ulmi	Urocystis carcinodes, Cimicifuga simplex
Pseudocercosporella herpo-	biological control 536, 2928, 3557	4746
trichoides 6439	control 2264	Uromyces
clovers, diseases 4927	DNA 8064	clovers 4927
cucumbers, Penicillium oxalicum 4513	epidemiology 8049	grasses 2109
Erysiphales 696, 1852, 5405-5406,	Europe 2262, 4412	peas 6856
7255 faba beans, <i>Didymella fabae</i> 3631	genetic engineering 8062	taxonomy 7280
ferns, Uredinales 1873	history 2262 induced resistance 3557	Uromyces ambiguus, Allium 1631
Festuca, Sclerotinia homoeocarpa 398	Italy 5364	Uromyces appendiculatus actin 6349
fungicides	molecular biology 8063	appessoria 6862
books 1700	races 8064	cowpeas 5188
usage 6252	reviews 8063	Eudarluca caricis, hyperparasitism
grasslands	UK 2264	8265
diseases 1392	vectors 536, 2928	genetics 605
mycorrhizas 5341	Inonotus ulmicola	isoenzymes 605
hops, hop latent viroid 1433	Scandinavia 2263	laboratory tests
Lactuca serriola, Bremia lactucae 8289	taxonomy 2263	BAS 480 F 6276
lawns and turf	Michenera artocreas	β-lactams 3120
Cladochytrium caespitis 6599	Australia 5942	quinolines 7059
Fusarium culmorum 6599	vectors 5942	Macroptilium atropurpureum 4203
lettuces, beet pseudo-yellows virus 1626	Ulmus americana	peas 1049
linseed, Alternaria 6564 Lolium perenne, barley yellow dwarf	Ceratocystis ulmi	Phaseolus vulgaris 1049, 1057, 1597,
luteovirus 7740	in vitro selection 537, 8061 Maine 6790	2363, 2434, 3007-3008, 3622, 3625, 3713, 3958, 6863, 8194
	***************************************	3023, 3713, 3730, 0003, 0174

Uromyces appendiculatus cont.	USA cont.	LISA cont
urediospores 1808	California cont.	USA cont. Florida cont.
Vigna umbellata 8265	citrus	citrus cont.
Vigna unguiculata subsp. sesquipedalis 8281	Penicillium digitatum 4141 Penicillium italicum 4141	Phytophthora palmivora 4135 Xanthomonas campestris pv.
Uromyces appendiculatus var.	citrus tristeza closterovirus, citrus	citri 347
appendiculatus Verticillium lecanii hypernarasitism	5665 Coriandrum sativum Psaudomonas	Xanthomonas campestris pv.
Verticillium lecanii, hyperparasitism 5176	Coriandrum sativum, Pseudomonas syringae 1435	citrumelo 347 Xylella fastidiosa 2679, 4143
Verticillium psalliotae, hyperparasitism	cowpeas, diseases 8249	grapefruits
5176 Uromyces dianthi, carnations 3958, 7699	crops, diseases 1266 cucumbers, Ulocladium cucurbitae	Diaporthe citri 4126
Uromyces geranii, Canada 3185	8166	Mycosphaerella citri 4126, 4137-4138
Uromyces hobsoni, Jasminum auriculatum	fruit trees, Pseudomonas syringae	grasses, root rots 3355
2096 Uromyces japonicus, Allium victorialis	6209 grapes	lettuces  Bremia lactucae 1088, 4587
var. platyphyllum 697	Botrytis cinerea 3479	storage decay 4586
Uromyces minor, peas 2359 Uromyces pisi	bud necrosis 4297 diseases 4207	limes, Glomerella cingulata 4140
Lathyrus sativus 6374	grasses, barley yellow dwarf lute-	lucerne, diseases 883 maize, Setosphaeria turcica 7560
peas 1049, 3006	ovirus 6435	mangoes, Botryosphaeria ribis 4275
Phaseolus vulgaris 1049 Uromyces proeminens, Euphorbia pros-	lawns and turf, diseases 873 lettuces	oranges
trata 7247	Bremia lactucae 3661	Glomerella cingulata 4139 Xylella fastidiosa 346
Uromyces setariae-italicae, Setaria italica 6512	Phytophthora cryptogea 1628	ornamental plants, Rhizoctonia
Uromyces striatus, lucerne 883	Rhizomonas suberifaciens 1629 storage decay 4586	3324
Uromyces sydowii, Haloxylon ammoden-	Leucostoma persoonii, stone fruits	passion fruits, Alternaria pas- siflorae 4279
dron 2274 Uromyces tenuicutis, Sporobolus fertilis	5768 lucerne	pesticides, application 28
7238	Pythium irregulare 3367	Phormium tenax, Cercospora 2716 pines
Uromyces transversalis, Gladiolus 5699, 7712	Pythium ultimum 3367	Cronartium fusiforme 8103
Uromyces trifolii, clovers 4196	melons, viruses 579 nectarines, Monilinia fructicola	Heterobasidion annosum 8099
Uromyces trifolii-repentis, clovers 7751	7799	wood destroying fungi 8099 rice
Uromyces viciae-fabae faba beans 594, 3011, 3632, 3634,	onions, Pseudomonas cepacia 6918 Osteospermum fruticosum, lettuce	Cochliobolus miyabeanus 6518
6056, 8200	mosaic potyvirus 5714	Pyricularia oryzae 6518
infection structures 7179	pecans, diseases 4207	soil, <i>Phytophthora palmivora</i> 4135 sugarcane
peas 594, 599, 1051, 1594, 6033, 6857, 8183	pesticides, safety 5307 pines, Gibberella fujikuroi var. sub-	Ceratocystis paradoxa 2221
Ursinia anthemoides	glutinans 5957, 6801	Ustilago scitaminea 5032, 7963, 7966
Puccinia ursiniae taxonomy 3066	pistachios, <i>Botryosphaeria dothidea</i> 6798	tomatoes
Western Australia 3066	Pseudomonas syringae, stone fruits	Fusarium oxysporum f.sp.
Urtica	5768	lycopersici 4374 Pythium 4379
Pseudocercospora urticacearum Nepal 7237	Quercus, diseases 2265-2266 Ranunculus asiaticus, viruses 392	vegetables
taxonomy 7237	Senecio bicolor, Verticillium dah-	diseases 6814 soil treatment 4483
Uruguay tomatoes, Alternaria solani 508	liae 4186 soil	Vigna subterranea, peanut mottle
wheat, Puccinia recondita 292	Fusarium oxysporum 3854	potyvirus 3655
USA	Gautieria 7112	Georgia Abelmoschus moschatus,
Alabama Cornus, Botryodiplodia theobromae	Hysterangium 7112 Verticillium dahliae 2908	Pseudomonas syringae pv.
7705	stone fruits, Mucor 4961	hibisci 4911 groundnuts
Cornus florida, Discula 4429 cotton, Fusarium oxysporum f.sp.	strawberries diseases 7814	Fusarium 8218
vasinfectum 5686, 6561	Nectria radicicola 4263	Sclerotinia sclerotiorum 4500
Alaska	Pythium irregulare 4263	tomato spotted wilt virus 8218 maize
Alnus tenuifolia, mycorrhizas 1757 Chamaecyparis nootkatensis,	Pythium ultimum 4263 sunflowers, diseases 5839	Aspergillus flavus 2000
decline 8117	tomatoes	diseases 6495 oats, Erysiphe graminis 7541
Arizona cotton, Aspergillus flavus 4162	diseases 965 tomato bushy stunt tombusvirus	rape, Sclerotinia sclerotiorum 4500
Parthenium argentatum, Fusarium	3537	tobacco, tomato spotted wilt virus
6706 Arkansas	Verticillium dahliae 2908 walnuts, Erwinia rubrifaciens 5083	5044 tomatoes
Diodia virginiana, diodia vein chlo-	watermelons, Colletotrichum	Pseudomonas syringae pv. syrin-
rosis virus 3683	orbiculare 6029	gae 5933 Pseudomonas syringae pv.
pumpkins, Fusarium equiseti 6028 wheat, diseases 2589	wheat, <i>Mycosphaerella graminicola</i> 3268	tomato 5933
California	Colorado	Hawaii Anthurium
apples, diseases 4207 aubergines, Verticillium dahliae	pines, mycorrhizas 1746  Populus tremuloides, drooping	Pythium 2073
2908	aspen disease 1519	Trichoderma 2073
avocados air pollution 2812	Connecticut	Verticillium 2073 Xanthomonas campestris pv.
mycorrhizas 2500	asparagus, <i>Fusarium proliferatum</i> 1094	dieffenbachiae 2065
Phytophthora 2807, 5792	pines, Leptographium procerum	Anthurium andreanum, diseases 848
Phytophthora cinnamomi 2809 Phytophthora citricola 2808,	4455 Florida	carnations, Phytophthora 4176
5790-5791	Alysicarpus vaginalis, blackeye	Colocasia esculenta, diseases 2425
Callistephus chinensis, Cole- osporium asterum 4173	cowpea mosaic potyvirus 3369 Barleria cristata, Pseudomonas	Cucurbitaceae, viruses 5145 Ipomoea acuminata, Metschnikowia
carrots	cichorii 6573	hawaiiensis 2095
carrot thin leaf potyvirus 4506	celery, Cercospora apii 4508	Lycopodium cernuum, Stomatogene lycopodii 698
Pythium ultimum 5142 Pythium violae 5142	citrus citrus tristeza closterovirus 4900	Rutaceae, Puccinia 7272
cherries, Eutypa lata 4257	Phytophthora nicotianae var.	soil, mycorrhizas 1738
Cicer arietinum, diseases 2380	parasitica 4133	water, pesticides 7047

Monilinia fructicola 5771

carrots, Streptomyces 1585

USA cont. USA cont. USA cont. North Carolina cont. Idaho Michigan cont. Coniferae, Fusarium 4434 onions, Alternaria porri 3673 Capsicum cont. forests, diseases 5935 Xanthomonas campestris pv. Phaseolus vulgaris, Phaeoisariopsis griseola 3624 Phaseolus vulgaris, bean common vesicatoria 6210 mosaic potyvirus 4536 pines. Cronartium ribicola 556 pines, Cronartium ribicola 1005 clovers Populus, Mycosphaerella populorum 4419 Cercospora zebrina 881 potatoes, Verticillium dahliae 5880 Pseudomonas andropogonis Quercus ellipsoidalis, Ceratocystis Illinois 4932 fagacearum 5943 broccoli, diseases 2330 Cucurbitaceae, Phytophthora cap-sici 3585 cabbages, diseases 2330 Minnesota Canna indica, canna yellow mottle bacillivirus 376 maize dwarf mosaic potyvirus, groundnuts, Cylindrocladium maize 317 crotalariae 3645, 3647 Picea mariana, mycorrhizas 1758 pines, Diplodia pinea 5101 Quercus, mycorrhizas 2485 maize, Cochliobolus carbonum wheat, Clavibacter michiganensis subsp. tessellarius 1315 4069 Populus tremuloides, ornamental plants, tomato spotted Cryptosphaeria lignyota 5075 Indiana wilt virus 356 potatoes, mycoplasma-like orga-nisms 5868 Panicum agrostoides, Balansia hen-Picea rubens, decline 5962 ningsiana 403 sweet potatoes, Gibberella baccata roses, rose rosette virus 2426 Mississippi 6130 wheat, Gibberella zeae 1310 grapes, Agrobacterium tumefaciens tobacco 6696 Peronospora tabacina 6748 larch, Mycosphaerella laricina 2285 prairies, fungi 2106 potato Ŷ potyvirus 1453 Aspergillus flavus 1348 tomatoes, Xanthomonas campestris Aspergillus parasiticus 1348 Kansas pv. vesicatoria 6210 Cupressaceae, Seiridium unicorne pines 2937 Cronartium fusiforme 5093 Erysiphe graminis 5541 pines, mycorrhizas 3800 mycorrhizas 5320 Puccinia recondita 5541 soyabeans, bean pod mottle comovirus 1602 soyabeans, Phomopsis longicolla Ohio 4548 apples, Venturia inaequalis 262 Kentucky Montana blackberries, diseases 6668 Coniferae, Fusarium 4434 forests, diseases 5934, 8037 lucerne, root rots 410 grapes, Guignardia bidwellii 262 Quercus coccinea, Cryphonectria parasitica 2927 maize Fusarium 7553 Quercus palustris, Xylella fastidi-Cronartium comandrae 5098 Trichoderma 7553 osa 8073 Cronartium ribicola 556 Malus, Venturia inaequalis 2757 Quercus rubra, Xylella fastidiosa Pseudotsuga menziesii var. glauca, Armillaria ostoyae 4465 pines, mycorrhizas 7095 8073 potatoes, Verticillium dahliae 2206, rape, Leptosphaeria maculans 1031 soil, mycorrhizas 7129 Nebraska, pines, mycorrhizas 3800 6730 Nevada, lucerne, Fusarium 1401 Rhododendron, Microsphaera penicillata 2719 soil, Verticillium dahliae 6730 soyabeans New Jersey mycorrhizas 7129 crops, fungicide residues 1732 sudden death syndrome 613 groundwater, fungicide residues Oklahoma Louisiana 5776 carrots, yellows 5964 soil, fungicide residues 5776 cotton, diseases 4904 Euphorbia supina, Amphobotrys Cucurbitaceae, viruses 4510 Euphorbia pulcherrima, Amphobo-Vaccinium, fungicide residues 5776 ricini 6145 Vaccinium corymbosum greenhouse crops, tomato spotted wilt virus 5515 trys ricini 861 grasses, diseases 1393 Corynespora arctespora 3451 viruses 2135 lettuces, yellows 5964 maize, Gibberella fujikuroi 7562 New Mexico, pines, Cronartium ribicola 1009 rice diseases 7589 tomatoes, Xanthomonas campestris Pythium 7618 New York pv. vesicatoria 2910 sedges, diseases 1393 Abutilon theophrasti, Sclerotinia soyabeans sclerotiorum 8330 chrysanthemums, Puccinia horiana apples Diaporthe phaseolorum var. caulivora 3637 Penicillium 6633 Lilium, Botrytis 6568 Rhizoctonia solani 2367, 3639 Pseudomonas syringae pv. papu-Mentha piperita, tomato spotted wilt virus 5825 lans 6634 sugarcane Clavibacter xyli subsp. xyli 3527, 5902 beetroots, Erwinia herbicola 8132 pears cabbages, Sclerotinia sclerotiorum Erwinia amylovora 2780 Glomerella tucumanensis 2884 8330 Pseudomonas syringae 5767 Ustilago scitaminea 6742 conifers, Gremmeniella abietina sweet potatoes, Gibberella baccata Pseudotsuga menziesii, mycorrhizas 1000 crops, cucumber mosaic 1159 1110 wheat, Puccinia recondita 1951 cucumovirus 3233 Gautieria 7112 Maine cucumbers Hysterangium 7112 groundwater, fungicide residues Alternaria alternata 1046 Vaccinium 1733 Ulocladium cucurbitae 1046 potatoes, disorders 5891 Fagus grandifolia, Nectria coccinea var. faginata 4476 blueberry scorch virus 3457 blueberry shock virus 3457 Ulmus americana, Ceratocystis wheat, diseases 286 grapes, diseases 2825 ulmi 6790 Pennsylvania Maryland Gremmeniella abietina 223 lawns and turf, diseases 3357 apples apples, Erwinia amylovora 3409-3410 Botryosphaeria dothidea 4226 lettuces, viruses 5195 maize, Puccinia sorghi 791-792 oats, barley yellow dwarf luteovirus blackberries, diseases 6668 Botryosphaeria obtusa 4226 Poa pratensis Drechslera poae 6604 Erwinia amylovora 4233 6487 Bromus catharticus, Erysiphe Magnaporthe poae 6604
Ustilago striiformis 6604
potatoes, Synchytrium endobioticum 2201 graminis 879 onions pome fruits, Erwinia amylovora Pythium coloratum 6109 Pythium irregulare 6109 Phaseolus vulgaris, Pseudomonas 2749 potatoes Massachusetts syringae pv. syringae 3627 pome fruits, Erwinia amylovora 2749 Alternaria solani 5022 Cornus kousa, Discula 994 viruses 5866 Gomphrena globosa, Alternaria gomphrenae 5710 Vaccinium, Phytophthora cin-namomi 2139 Schlumbergera truncata, tomato potatoes, Alternaria solani 954 weeds, Pseudomonas syringae pv. spotted wilt virus 3348 Rhode Island, lawns and turf, diseases syringae 3627 3357 Michigan North Carolina South Carolina apples, Pseudomonas syringae pv. apples, Schizothyrium pomi 429 barley, Pyrenophora teres 4046 papulans 4234 Capsicum peaches

Phytophthora capsici 3585

USA cont.	USA cont.	USA cont.
South Carolina cont.	Washington cont.	orchids
peaches cont.	Vaccinium cont.	bean yellow mosaic potyvirus 389
prunus necrotic ringspot ilarvirus 2791	blueberry shock virus 3457	turnip mosaic potyvirus 389
Pseudomonas syringae pv. syrin-	Vaccinium corumbosum blueberry	pears, Erwinia amylovora 2748
gae 432	Vaccinium corymbosum, blueberry scorch virus 2134	peas, Aphanomyces euteiches 415 pesticides
Phytolacca americana, viruses 646	water, fungicides 1153	books 2464
tomatoes, tomato ringspot nepovirus	West Virginia, pome fruits, Erwinia	disposal 3786
1397	amylovora 2749, 4214	environmental impact 6220
South Dakota, soyabeans, Fusarium	Wisconsin	formulations 1139
_ oxysporum 5175	Acer saccharum, Ceratocystis	legislation 1139, 6227
Tennessee	coerulescens 2258	Picea mariana, mycorrhizas 671
Abies, Pisolithus tinctorius 7105	apples	Picea rubens, decline 4438
Ginkgo biloba, air pollution 5121	Phytophthora cactorum 5741 Trichoderma 5741	pines
Liriodendron tulipifera, mycor- rhizas 1763	larch, Mycosphaerella laricina 2285	Cronartium fusiforme 1544
pines	Panax quinquefolius, Phytophthora	decline 4439 Endocronartium harknessii 1010
mycorrhizas 1158	cactorum 5848	Mycosphaerella dearnessii 8094
Pisolithus tinctorius 3807	Picea glauca, diseases 4466	Poa pratensis, Leptosphaeria korrae
Texas	pines	3358
Capsicum, Texas pepper	Diplodia pinea 5101	potatoes
geminivirus 1100	diseases 554	Alternaria solani 2858
Cupressaceae, Seiridium unicorne	Populus grandidentata, Armillaria	diseases 5859, 7913
2937	5080, 8077	Erwinia carotovora subsp. atrosej
Leersia hexandra, Xanthomonas campestris pv. oryzae 3069	Populus tremuloides, Armillaria 5080, 8077	tica 3520
melons, Erwinia ananas 2996	soil	Erwinia carotovora subsp. carotovora 3520
Phaseolus vulgaris, peanut mottle	Phytophthora cactorum 5848	Phytophthora infestans 2858
potyvirus 4535	Trichoderma 5741	Quercus
Quercus, Ceratocystis fagacearum	Vaccinium	Armillaria mellea 985
5073	Monilinia oxycocci 2140-2141,	decline 985, 987
soil, Cochliobolus sativus 1299	4968	Ribes, viruses 6652
trees, mycorrhizas 6299	storage decay 3450, 6655	rice, Xanthomonas campestris pv.
wheat, Cochliobolus sativus 1299 Utah	Wyoming, pines, Cronartium coman- drae 5098	oryzae 7636
Picea engelmannii, Inonotus	Abies balsamea, decline 4438	Rubus, viruses 6652 soil
tomentosus 8112	Abies fraseri, decline 4438	Aphanomyces euteiches 415
Picea pungens, Inonotus tomentosus	apples, Erwinia amylovora 2748	Erwinia carotovora subsp. atrosej
8112	barley	tica 3520
Vermont	Rhizoctonia oryzae 730	Erwinia carotovora subsp.
Abies balsamea, Uredinopsis	Rhizoctonia solani 730	carotovora 3520
mirabilis 552	Rhynchosporium secalis 7532	Fusarium 1929
Onoclea sensibilis, Uredinopsis	Botryosphaeria ribis 3189	Rhizoctonia oryzae 730
mirabilis 552	Camellia, Glomerella cingulata f.sp. camelliae 7704	Rhizoctonia solani 730
Ulmus americana, Ceratocystis ulmi 6790	Chamaecyparis nootkatensis, decline	sorghum, Fusarium 1929 soyabeans, Fusarium 1929
Virginia	4439	spinach, Peronospora farinosa f.sp.
groundnuts, tomato spotted wilt	cherries, diseases 915	spinaciae 6828
virus 4554	citrus	strawberries, viruses 7812
Picea rubens	fungicide residues 4121	sugarbeet, Fusarium 5133
acid rain 6811-6812	Septoria citri 5677	trees
ozone 6812	Septoria depressa 5677	diseases 2934
pome fruits, Erwinia amylovora	Cornus alternifolia, Cryptodiaporthe corni 8081	Tubakia dryina 8041
2749 Silene pratensis, Ustilago violacea	cotton, diseases 2684	tulips, viruses 393 Ustilago zeae, viruses 3948
6144	culture collections, databases 3891	Vaccinium elliottii, Helicoma vaccini
soyabeans, Pythium ultimum 1607	Cynodon dactylon, Leptosphaeria kor-	2137
tobacco, Phytophthora nicotianae	rae 3358	vegetables, lettuce infectious yellows
var. nicotianae 4359	Dahlia, dahlia mosaic caulimovirus	virus 2968
Washington	2091	water, pesticide residues 5277
apples	Erythrobalanus, decline 987	wheat
diseases 5739	food, pesticide residues 5277	diseases 7442
mycoplasma-like organisms 3390  Venturia inaequalis 898	forest trees Armillaria 527	Puccinia 3255 Rhizoctonia oryzae 730
cherries	diseases 524-526	Rhizoctonia solani 730
Podosphaera clandestina 4966	Phellinus weirii 527	USSR
prunus necrotic ringspot	forests, diseases 1485	Armenian SSR
ilarvirus 2798	Fraxinus americana, ash yellows 1502	Ascomycetes 6364
grapes, diseases 5807	grapes, diseases 3475	Basidiomycetes 6364
hops, Pseudoperonospora humuli	groundnuts	Sphaeropsidales 6365
4299	diseases 1074	Azerbaidzhan SSR
Leguminosae, tobacco streak ilarvirus 3616	peanut stripe potyvirus 1068  Jacquemontia tamnifolia, Curvularia	forests, diseases 2254 wheat, Tilletia laevis 7479
Lilium, Botrytis 6568	bannonii 3340	Byelorussian SSR
peaches, Taphrina deformans 5770	lettuces, corky root 3030	forests, Armillaria mellea 1487
pears, diseases 5739	Leuchobalanus, decline 987	pines
pome fruits, diseases 4939	Lotus corniculatus, seedborne orga-	air pollution 1015, 2298
potatoes, Erysiphe cichoracearum	nisms 5738	root rots 4445
2878	lucerne	Georgian SSR
radishes	Aphanomyces euteiches 415	wheat
Albugo candida 3596	viruses 409 Magnaporthe grisea 3302	Mycosphaerella graminicola 1296
beet leafhopper-transmitted virescence agent 5981	majze	Puccinia recondita 4803
small fruits, diseases 5774	diseases 5608	Kazakh SSR
stone fruits	Fusarium 1929	sugarbeet
diseases 4960, 5739	mycorrhizal fungi, culture collections	beet necrotic yellow vein virus,
Monilinia fructicola 6641	1739	sugarbeet 3587
Monilinia laxa 6641	Nodulosphaeria edgari 222	sugar beet mosaic potyvirus
Vaccinium	Nodulosphaeria olivacea 222	5970
blueberry scorch virus 3457	old and fossil wood, diseases 2934	wheat, Puccinia recondita 5556

USSR cont.	USSR cont.	USSR cont.
Latvian SSR, wheat, Erysiphe	Ukrainian SSR cont.	sugarbeet, diseases 2970, 3586, 5974,
graminis 1292	pines, air pollution 1016, 5099	8130
Lithuanian SSR	Quercus robur, decline 986	tomato aspermy cucumovirus 3914
barley	rye, Erysiphe graminis 5606	tomatoes
Cochliobolus sativus 7518	strawberries, diseases 4973	diseases 7992
Fusarium culmorum 7518	wheat, diseases 1944, 7454-7455	Phytophthora 8013
clovers, Sclerotinia trifoliorum 407	Uzbek SSR	Phytophthora infestans 5361
		Verticillium dahliae 506
soil	cotton	
Cochliobolus sativus 7518	Fusarium 2683	wheat
Fusarium culmorum 7518	Verticillium 2683	Alternaria alternata 7453
Moldavian SSR	Verticillium dahliae 7686	Cochliobolus sativus 7453
apples, Epicoccum nigrum 426	soil, Verticillium dahliae 7686	diseases 3994, 5542, 7452, 7454-
cabbages	tomatoes, Fulvia fulva 2902	7455
Erwinia carotovora 6004	wheat, Puccinia graminis 4799	Fusarium 4002
Xanthomonas campestris 6004	apples	Leptosphaeria nodorum 5578
plums, plum pox potyvirus 2788-	diseases 4942	Mycosphaerella graminicola 5578
2789	Monilinia laxa 5755	Puccinia recondita 2604, 5558,
Solanaceae, Phoma 5966	Podosphaera leucotricha 6623	7473-7474
vegetables, Phoma 5966	Venturia inaequalis 4950, 6623,	wild plants, diseases 4787
RSFSR	7773, 7778	Ustilaginales
barley	apricots, diseases 4256	Gramineae 3353
Puccinia hordei 7520	barley	Japan 4746
Ustilago segetum vat. nuda	Cochliobolus sativus 7535	Mongolia 4745
4835	diseases 4832	taxonomy 1863, 3193, 4743, 5421
Cirsium arvense, Puccinia suave-	Ustilago 4838	Xinjiang 1838
olens 648	beetroots, diseases 8130	Ustilaginoidea virens
cucumbers, Pseudoperonospora	Brassica, Plasmodiophora brassicae	rice 1361, 2668, 4107-4108, 4869
cubensis 2992	8136	sporulation 4893
Cucurbitaceae	cabbages	Ustilago
Erysiphe cichoracearum 2993	Fusarium 8138	isoenzymes 5357
Sphaerotheca fuliginea 2993		taxonomy 5421
peas, Uromyces pisi 3006	Peronospora parasitica 8137	wheat 6441
Picea, diseases 8087	carnations, Phialophora cinerescens	Ustilago avenae (see Ustilago segetum var.
pines	7698	avenae)
diseases 1004, 8087	carrots, Xanthomonas campestris pv.	Ustilago bullata, Bromus catharticus 4193
Fusarium 5948	carotae 2986	Ustilago esculenta, Zizania caduciflora
plums, plum pox potyvirus 7790	cereals	1866
	Cochliobolus geniculatus 7427	
Populus, Hypoxylon mammatum 8050	Cochliobolus lunatus 7427	Ustilago flosculorum, Dipsacaceae 3182
	Drechslera 7439	Ustilago himalensis, Polygonum
potatoes	Puccinia 2580	macrophyllum 4746
Alternaria solani 2876	Pyrenophora 7439	Ustilago hordei (see Ustilago segetum)
Phytophthora infestans 2862	cherries, Blumeriella jaapii 2801, 7801	Ustilago intermedia, Scabiosa columbaria
rye	clovers	3182
Puccinia recondita 4846-4847	diseases 7746	Ustilago kolleri (see Ustilago segetum)
Sclerotinia graminearum 7546	Fusarium 7753	Ustilago levis (see Ustilago segetum)
shrubs, fungi 8040	crops, diseases 3702, 6956	Ustilago marginalis, Polygonum bistorta
Siberia	cucumber mosaic cucumovirus 3914	3183
garlic	cucumbers	Ustilago maydis (see Ustilago zeae)
onion yellow dwarf potyvirus	diseases 6837	Ustilago nigra (see Ustilago segetum var.
5198	Pseudoperonospora cubensis 6021-	avenae)
viruses 6916	6022	Ustilago nuda (see Ustilago segetum var.
tomatoes, tobacco mosaic		nuda)
tobamovirus 2895	flax, Melampsora lini 354 fodder beet, diseases 8130	Ustilago scabiosae
trees, fungi 8040	fruit, diseases 4787, 7764	Knautia arvensis 3182
USSR Far East		Knautia silvatica 3182
barley, Ustilago segetum var.	fungicides	Ustilago scitaminea, sugarcane 486-487,
nuda 6476	production 3740	1114, 1449, 3525, 4341, 4343, 5032,
red currants, diseases 4969	usage 2465, 3740	5893, 5895, 5898-5901, 6742, 7963,
Rhododendron sichotense, Sei-	Gladiolus, bean yellow mosaic	7965-7966
matosporium rossicum	potyvirus 380	Ustilago segetum
1222	grapes, diseases 4282, 4980, 6691	barley 4832, 4836, 4838, 6477
Vicia sativa	lucerne, diseases 7746	chromosomes 1887
Fusarium 2736, 4934	oats, Myrothecium verrucaria 7540	karyotypes 4837
Peronospora 4934	peas	races 4837
wheat	Ascochyta pisi 8185	wheat 4809
Erysiphe graminis 4797	Fusarium oxysporum f.sp. pisi	Ustilago segetum var. avenae
Pseudocercosporella herpo-	4525	barley 4838, 7517
trichoides 7501	Fusarium solani 4525	fungicide tolerance 3127
Puccinia recondita 4797	pesticides, usage 3741, 4660	oats 3982
Ukrainian SSR	Picea abies	wheat 2608
apricots, Tranzschelia 4962	dieback 1559	Ustilago segetum var. nuda
barley, Erysiphe graminis 4840,	diseases 1559	barley 3278, 4835, 4838, 5532, 6473,
7522	pines	6476
cabbages, Xanthomonas campestris	Lophodermella sulcigena 8102	cereals 279
6005	Lophodermium seditiosum 558	
cherries	plant protection 3702	microscopy 1202
Blumeriella jaapii 4965	potatoes	Wheat 759-760, 7472
diseases 4963	Alternaria 5869	Ustilago segetum var. tritici, wheat 302,
flax, diseases 4165	Colletotrichum coccodes 3518	739, 1290, 2608, 3982, 4013, 4811,
	diseases 467	5532, 7488
forests, air pollution 5099		Ustilago serpens
maize	Phytophthora infestans 476, 3509,	Agropyron ciliare 4746
diseases 7555	5361, 5869	Elymus 4746
Fusarium 4853	potato Y potyvirus 2860	Ustilago shiraiana
Macrophomina phaseolina 4853	viruses 2853, 6720	bamboos 993
peaches, diseases 4253	Rhododendron, diseases 7723	IMI descriptions 7254
peas	rice, diseases 4082	Ustilago striiformis, Poa pratensis 877,
Aphanomyces euteiches 5152	rye, Erysiphe graminis 1333, 7545	6604
Fusarium oxysporum f.sp. pisi	soyabeans, Diaporthe phaseolorum var.	Ustilago succisae, Succisa pratensis 3182
5152	caulivora 8214	Ustilago tritici (see Ustilago segetum var.
Peronosporales 7244	strawberries, diseases 4972	tritici)

		1231
Ustilago vilfae, Lasiurus scindicus 7745	Vaccinium corymbosum cont.	Vegetables cont.
Ustilago violacea	viruses	Rhizoctonia solani cont.
genetic transformation 1809, 5369	New Jersey 2135	West Bengal 1924
protoplasts 1884 Silene pratensis 6141, 6144, 8333	Washington 2134 Vaccinium elliottii	Sclerotinia, control 6819
Ustilago warmingii, Rumex longifolius	Helicoma vaccinii	seedborne fungi, Pakistan 1021 soil treatment, Florida 4483
8329	taxonomy 2137	storage decay, biological control 5503
Ustilago zeae	USA 2137	viruses
fungicide tolerance 3119	Vaccinium macrocarpon Hymenoscyphus ericae	ecology 2969
isoenzymes 5358 laboratory tests	mycorrhizas	Japan 5963  Velvet tobacco mottle sobemovirus, satellite
flusilazole 1715	iron 1799	RNA 1253
terbinafine 3119	lead 4717	Venezuela
maize 2643, 4855, 5509, 6494, 6497	Vaccinium myrtillus mycorrhizas	Euphorbia pulcherrima, Curtobacter-
molecular genetics 1995 mutants 3119	air pollution 4459	ium flaccumfaciens pv. poinsettiae 6579
nucleotide sequences 200, 3845	Poland 4459	Phaseolus lunatus, Pseudomonas syrin-
plasmids 5617	Validamycin	gae pv. syringae 6870
viruses	interactions, phosphatidylcholine 3756	Venno-Cycla 2, control, Cylindrocladium scoparium, Rhododendron 3748
Australia 3948 toxins 5497	Validamycin A, activity, Rhizoctonia cer-	Venturia
USA 3948	ealis 1734	apples 6269
Ustilina, Acer saccharum 2258	Valsa ambiens, cherries 5773	pears 6269
Ustulina deusta	Valsa ceratosperma apples 427-428, 901, 4227, 7782	Venturia carpophila, peaches 6647 Venturia inaequalis
oranges 5678 tea 7973	laboratory tests, antibiotics 7083	apples 262, 895-898, 1407-1408, 2470,
Vaccinium	Valsa friesii, larch 1865	2756, 2758-2759, 3394-3396,
Agrobacterium tumefaciens, suscepti-	Valsa mali, apples 1412	3769, 4222, 4938, 4950-4952,
bility 7810	Valsa octospora, larch 1865 Valsa paulowniae, Paulownia 2279	5747-5751, 6623-6629, 7769-7770, 7773-7778
Allantophomopsis cytisporea, taxon- omy 2136	Valsa sordida	Athelia bombacina, antagonism 3395-
Allantophomopsis lycopodina, taxon-	cherries 5773	3396
omy 2136	Populus 990-992, 2268	laboratory tests
Alternaria alternata	Valseutypella multicollis, taxonomy 1871 Valseutypella tristicha, taxonomy 1871	benzanilides 1714 ebelactones 3794
biological control 2138 postharvest decay 2138	Vatica sumatrana	Malus 2757
Alternaria tenuissima	mycorrhizas	pears 1407
biological control 2138	growth 61 Indonesia 61	Venturia inaequalis f.sp. cotoneasteris, Cotoneaster 6624
postharvest decay 2138	Vegetables	Venturia pirina, pears 1408, 2775, 4237-
Apostrasseria lunata biological control 2138	Botrytis cinerea	4238, 4938, 4957, 7785-7786
postharvest decay 2138	control 6269, 6819	Venturia populina
Aureobasidium vaccinii	pathogenicity 572 storage 572	Populus deltoides 989 Populus nigra 989
Romania 7809 symptoms 7809	chilling injury, storage 6823	Vernonia cinerea, Erysiphe cichoracearum,
taxonomy 7809	diseases	India 394
blueberry scorch virus	Australia 6815 Austria 570	Verticillium Anthurium 2073
British Columbia 3457	Caribbean 1570	Capsicum 5209
Oregon 3457 Washington 3457	control 2964-2965, 2967, 6242,	Cicer arietinum 1082
blueberry shock virus	6272, 6818	cotton 350, 2683, 2686, 7680 maize 4057
characteristics 3457	books 6189 Florida 6814	restriction fragment length polymor-
Oregon 3457	hydroponics 1571	phism 7187
Washington 3457 diseases	India 7405	Rubus parviflorus 6137 strawberries 5782
control 5784, 7808	integrated control 1927, 4482, 4484, 6814	sunflowers 5004
Washington 5784	Japan 6816	taxonomy 6376
Exobasidium oxycocci, yield losses 2142	Mauritius 6242	Verticillium albo-atrum
fungicide residues, New Jersey 5776	Netherlands 2964 Nigeria 1927	aubergines 3679 Capsicum 2409, 3038, 5203-5204, 8024
Monilinia oxycocci	Philippines 2312	Cicer arietinum 4573
control 2141, 4968	reviews 7405	lucerne 413-414, 418, 1402, 3365,
epidemiology 2140 symptoms 2140	Sri Lanka 2313	3368, 5727, 5730-5731, 7757
Wisconsin 2140-2141, 4968	Thailand 2314 varietal reactions 4484	potatoes 7932 raspberries 6658
Phytophthora cinnamomi	Vietnam 6817	restriction fragment length polymor-
control 2139	Erwinia carotovora subsp. carotovora	phism 7187
Massachusetts 2139 storage decay	bacteriophages 3728	sunflowers 7400 tomatoes 2905, 8024
control 3450, 6655	Italy 6821 fungicide residues, detection 7041	Verticillium biguttatum, activity, Rhizoc-
Wisconsin 3450, 6655	Fusarium, postharvest decay 2315	tonia solani 2871
Strasseria oxycocci	Fusarium equiseti	Verticillium chlamydosporium control, Phytophthora capsici, Capsi-
biological control 2138 postharvest decay 2138	pathogenicity 5123 postharvest decay 5123	cum 5210
viruses	Mucor mucedo	hyperparasitism, Rhizoctonia solani
New Brunswick 5775	pathogenicity 572	692 Vantiaillinn dahliga
susceptibility 5775 Vaccinium angustifolium, Scytalidium	storage 572 pesticide residues, Germany 5310	Verticillium dahliae aubergines 2420-2422, 2908, 3049,
vaccinii, mycorrhizas 1797	Phoma	3051, 3230, 3680
Vaccinium arboreum, Ophiodothella vac-	breeding 5966	Capsicum 5205
cinii, taxonomy 3889 Vaccinium corymbosum	Moldavian SSR 5966	Chinese cabbages 1035, 8141, 8153 Cicer arietinum 3026
blueberry scorch virus, Washington	Pseudomonas, Italy 6821 Pseudomonas fluorescens	clovers 4928, 7749
2134	ice nucleation 6822	control, Ceratocystis ulmi, Ulmus 3557
Corynespora arctespora	strains 6822	cotton 349, 837, 1379, 1814, 2052, 2055-2056, 2687, 4906, 5687-
New Jersey 3451 taxonomy 3451	Pseudomonas syringae ice nucleation 6822	5689, 7231, 7682-7686
Phomopsis vaccinii	strains 6822	globe artichokes 6930
histopathology 917 infection 917	Rhizoctonia solani control 1924	Gramineae 5505 groundnuts 1656
IIII CCHOIL 71 /	CONTROL 1/27	A. 0 = 11 = 11 = 10 0

Verticillium dahliae cont.	Vigna angularis cont.	Vigna radiata cont.
horseradish 6708	tobacco streak ilarvirus	root rots, biological control 7413
mutants 3850	epidemiology 3616	seed treatment, seed germination 685
olives 5806	pathotypes 3616	storage decay
Pelargonium 2712-2713	seeds 3616	control 2355 seeds 2355
Pisolithus tinctorius, antagonism 7105	Washington 3616 Vigna mungo	Thanatephorus cucumeris, plant
potatoes 479, 2206-2208, 2872, 3512- 3515, 3867, 4325, 5880, 6712,	Ascochyta phaseolorum, plant extracts	extracts 4580
6729-6730, 7932	3000	Xanthomonas campestris pv.
restriction fragment length polymor-	Aspergillus flavus	vignaeradiatae
phism 7187	toxins 4520	antagonists 8287
roses 6590	varietal reactions 4520	seeds 8287
scytalone 5359	bean yellow mosaic potyvirus, genetics	Vigna sublobata, bean yellow mosaic
Senecio bicolor 4186	8254	potyvirus, genetics 8254
small fruits 438	Colletotrichum truncatum, plant	Vigna subterranea
soil 2908, 3864, 3867, 4207, 5806,	extracts 3000	peanut mottle potyvirus
6663, 6730, 7686	diseases	Florida 3655
Solanum 3049	Andhra Pradesh 4570	seeds 3655
strawberries 4262, 6663, 7811, 7814	yield losses 4570	Vigna umbellata
Talaromyces flavus, antagonism 5806	Erysiphe polygoni	Macrophomina phaseolina, phytoales
tomatoes 506, 2247, 2904, 2908, 3230,	control 4523	ins 1618
4380, 6768, 8022	India 4523	Uromyces appendiculatus
toxins 1814	varietal reactions 4575	hyperparasites 8265 Sikkim 8265
USA, California, Senecio bicolor 4186	Fusarium pallidoroseum environmental factors 6094	Vigna unguiculata (see Cowpeas)
vegetative compatibility groups 3850  Verticillium fungicola	India 6094	Vigna unguiculata subsp. sesquipedalis
mushrooms 4588	Glomus fasciculatum, mycorrhizas,	Uromyces appendiculatus, epidemiol-
Pleurotus 1089	phosphorus 140	ogy 8281
Verticillium lecanii	Macrophomina phaseolina	viruses
barley 1973	Andhra Pradesh 3659	ethylene 6903
control, Hemileia vastatrix, coffee 2047	control 593	induced resistance 6903
hyperparasitism	varietal reactions 3659	Vinca, Agrobacterium tumefaciens, histo
Mycosphaerella arachidis 1072	seed treatment, seed germination 6852	pathology 662
Mycosphaerella berkeleyi 1072	Vigna radiata	Vincetoxicum hirundinaria
Phakopsora pachyrhizi 5176, 6065,	Alternaria tenuissima, Jammu and	Cronartium flaccidum
8216	Kashmir 8264	environmental factors 6803
Puccinia arachidis 1072	Aspergillus flavus	Italy 6803
Uncinula necator 2159	toxins 4520	sporulation 6803
Uromyces appendiculatus var.	varietal reactions 4520	Vinclozolin
appendiculatus 5176	bean yellow mosaic potyvirus, genetics	activity, Sclerotinia sclerotiorum 182
taxonomy 6376	8254	biodegradation 41
Verticillium leptobactrum, control,	Cercospora	control
Hemileia vastatrix, coffee 2047	breeding 1079, 1083	Botrytis allii, onions 3035
Verticillium psalliotae	induced mutations 1079, 1083	Botrytis cinerea
hyperparasitism	Cercospora canescens	cucumbers 7399
Phakopsora pachyrhizi 3013, 5176,	Rajasthan 6096	strawberries 4261
6065, 8216	varietal reactions 6096	sunflowers 6701
Uromyces appendiculatus var.	Colletotrichum dematium	tomatoes 7399
appendiculatus 5176 Verticillium tenerum, hyperparasitism,	planting date 6093 varietal reactions 632, 6093	Monilinia fructicola, cherries 916 Monilinia laxa, cherries 436
Rhizoctonia solani 692	Colletotrichum lindemuthianum	Monilinia oxycocci, Vaccinium
Verticillium tricorpus	planting date 6093	2141, 4968
enzymes 192	varietal reactions 632, 6093	Penicillium oxalicum, cucumbers
laboratory tests, diterpenoids 6259	Erysiphe polygoni	4513
Viburnum	control 4523, 7412	rape, diseases 6830
Meliola yuanjiangensis	India 4523	Sclerotinia sclerotiorum, soil 387
China 1845	varietal reactions 4575	Sclerotinia trifoliorum, lucerne 4
taxonomy 1845	Gibberella fujikuroi, control 6084	determination, water 5283
Vicia faba (see Faba beans)	Gigaspora calospora, mycorrhizas,	fungicide residues
Vicia sativa	inoculum 6330	grapes 7849
Fusarium	Gigaspora margarita, mycorrhizas,	Rhododendron 7294
breeding 2736, 4934	inoculum 6330	fungicide tolerance, Sclerotinia fucke
RSFSR 2736, 4934	Glomus caledonium, mycorrhizas, inoc-	liana 7069
testing 2737	ulum 6330	Viroids
Peronospora	Glomus fasciculatum	avocado sunblotch viroid 5477
breeding 4934	mycorrhizas	avocados 2806
RSFSR 4934	inoculum 6330	avocados 1894
Peronospora viciae	water stress 134	biochemistry, reviews 4757
induced mutations 4935 resistance 4935	Macrophomina phaseolina antagonists 4578	carnations 849 chrysanthemum chlorotic mottle viro
Vietnam	biological control 1830, 3957	chrysanthemums 372
coffee, Hemileia vastatrix 6547	control 593, 1086, 4583, 8263	chrysanthemum stunt viroid 846
groundnuts, diseases 6883	environmental factors 1830, 8263	chrysanthemums 372-373
vegetables, diseases 6817	fertilizers 1086	chrysanthemums 1384
Vigna	inoculum 4583	citrons 2673
Phoma exigua var. diversispora	isolates 4583	citrus 1894, 7659
East Africa 4521	seed treatment 3957	citrus exocortis viroid
genetic variation 4521	mung bean yellow mosaic geminivirus	citrons 1372
isoenzymes 4521	breeding 1079-1080	citrus 2672, 5668
South America 4521	induced mutations 1079-1080, 6902	Gynura aurantiaca 1260, 7381
Vigna aconitifolia, Glomus fasciculatum,	Orissa 6901	tomatoes 7999-8000
mycorrhizas, colonization 5354	transmission 6901	coconut cadang-cadang viroid
Vigna angularis	varietal reactions 631, 4569, 6080,	coconuts 5006, 5854
Erysiphe polygoni, genetics 1084	6901	oil palms 5854
Phialophora gregata	yield losses 6080	Coleus blumei 377
isoenzymes 8178	Mycosphaerella cruenta	Coleus scutellarioides 3330
taxonomy 8178	Rajasthan 6096	columnea latent viroid 245
Phytophthora vignae	varietal reactions 6096	crops 234
Japan 3657	Rhizoctonia, biological control 3235	cytopathogenicity 6403 detection, reviews 6379
varietal reactions 3657	Rhizoctonia solani, varietal reactions	diagnosis reviews 7323

Viroids cont.	Viruses cont.	Viruses cont.
electron microscopy 6403 grapes 5810	closterovirus group cont. beet yellows closterovirus cont.	cucumovirus group cont.
molecular biology, reviews 4757	sugarbeet 1022, 2970, 2972,	tomato aspermy cucumovirus cont.  Mentha spicata 4302
peaches 3438-3439	5126	tomatoes 3538
pome fruits 7765	carnation necrotic fleck closter-	dianthovirus group
potato spindle tuber viroid 5455, 7360,	ovirus, carnations 368	red clover necrotic mosaic
7389	carnation yellow fleck closterovirus, carnations 366	dianthovirus 3947, 7358
chrysanthemums 372 potatoes 472, 722, 1444, 2856,	citrus tristeza closterovirus 716	clovers 4927 fabavirus group
3220, 3504-3505, 5860, 7920	citrus 2672, 4123, 4900, 5665,	broad bean wilt fabavirus
Solanum muricatum 2896	7658, 7660	Capsicum 6939
tomatoes 722, 2243, 2896, 3220,	clementines 1373	faba beans 3630
3539, 4369, 5457, 5916, 5919	limes 2035, 4125 grapes 2157	lettuces 5195 peas 4524
quarantine, reviews 7323 reviews 251, 709, 6409	grapevine leaf roll closterovirus	weeds 5195
tomato apical stunt viroid 7389	3473	fijivirus group
tomatoes 5052	grapes 2156, 3474, 4284, 7840	molecular genetics 7311
translocation 1238	grapevine stem pitting associated	pangola stunt fijivirus, <i>Digitaria</i>
Viruses	closterovirus, grapes 924 Nicotiana benthamiana 2157	7733
bacillivirus group	comovirus group	rice black-streaked dwarf fijivirus, rice 5646
canna yellow mottle bacillivirus,  Canna indica 376	bean pod mottle comovirus 3212,	furovirus group
sweet potato leaf curl bacillivirus,	7370	Indian peanut clump furovirus,
sweet potatoes 8321	Phaseolus vulgaris 4519	groundnuts 5182
bromovirus group	soyabeans 1602, 4519 cowpea mosaic comovirus 1909,	potato mop top furovirus 714 potatoes 943
broad bean mottle bromovirus, faba	3212, 5187	geminivirus group
beans 3010 brome mosaic bromovirus 5476,	cowpeas 5186	abutilon mosaic geminivirus, orna-
7340, 7357	Crotalaria juncea 3321	mental woody plants 3323
cereals 7429	red clover mottle comovirus 4768	African cassava mosaic geminivirus
Triticum monococcum 5534	squash mosaic comovirus 3212 melons 1586	6405, 7365 cassava 3681-3682, 4609, 6128
cowpea chlorotic mottle bromovirus	cryptovirus group	bean golden mosaic geminivirus
6410, 7340	beet cryptic 1 cryptovirus 2545	5481
cowpeas 6897 molecular genetics 7337	Beta vulgaris 5128	Phaseolus vulgaris 1048, 4533,
spring beauty latent virus 4774	beet cryptic 2 cryptovirus 2545  Beta vulgaris 5128	5158
capillovirus group	cucumovirus group	beet curly top geminivirus 2537 chloris striate mosaic geminivirus
apple stem grooving capillovirus	cucumber mosaic cucumovirus 247,	2537
2544	249, 254, 259, 1908, 2540,	maize streak geminivirus 1263,
apples 3372, 3389 pears 4236	2547, 3211, 3233, 3914, 5459,	1910, 2537
carlavirus group	5734, 7351-7352, 7368, 7378, 7388	cereals 6434 maize 1336, 2641
aster chlorotic stunt carlavirus,	artichokes 4596	molecular genetics 4758
Aster novae-angliae 4615	Asclepias syriaca 8327	mung bean yellow mosaic
carnation latent carlavirus 2554,	bananas 2814	geminivirus 2537
5482 carnations 367	Buddleja davidii 2697	tobacco 7382
chrysanthemum B carlavirus 3910	Capsicum 1096-1097, 2404, 3038-3042, 4601, 6936,	Vigna radiata 631, 1079-1080, 4569, 6080, 6901-6902
chrysanthemums 6577	6938-6939, 8309-8310	potato yellow mosaic geminivirus
cowpea mild mottle carlavirus,	Cicer arietinum 6083	5491
groundnuts 1611	cowpeas 5185	squash leaf curl geminivirus,
groundnuts 3642 helenium S carlavirus 2553	crops 3203	squashes 1040
kalanchoe I carlavirus, Kalanchoë	cucumbers 580, 6012, 6015, 6838	sugarcane streak geminivirus, sugar cane 5894
blossfeldiana 383	Cucurbitaceae 5145, 7362	Taiwan 3917
narcissus latent carlavirus, Iris hol-	Gladiolus 381-382, 2094, 6580	Texas pepper geminivirus, Capsi-
landica 3339	Hyoscyamus niger 4988	cum 1100
nucleotide sequences 7328 poplar mosaic carlavirus, <i>Populus</i>	lettuces 5195	tobacco leaf curl geminivirus, toma-
4406	Limonium 7391 lupins 7758	toes 5917 tomato golden mosaic geminivirus
potato M carlavirus 3910, 3944,	maize 1988	1257, 4769, 7383, 7387
4320, 8003	marrows 3607	tomatoes 5918
potatoes 6719, 6721 potato S carlavirus	melons 1037, 6018-6019	tomato yellow leaf curl geminivirus, tomatoes 691, 2241, 3541,
Chenopodium quinoa 712	Mentha spicata 4302 peas 3619, 4524	4366, 4368, 5914
potatoes 2193, 4760, 6721	Petunia hybrida 2714	wheat dwarf geminivirus 2537
carmovirus group	Phaseolus vulgaris 3623	cereals 1936
carnation mottle carmovirus, carna-	Phlox 2715	maize 4056
tions 368, 1383, 2698	Psophocarpus tetragonolobus	hordeivirus group
turnip crinkle carmovirus 250, 1255-1256	8255 Rauvolfia serpentina 4988	barley stripe mosaic hordeivirus 1262, 1906, 7380
caulimovirus group	Solanaceae 7362	barley 314
carnation etched ring caulimovirus,	spinach 1259, 4491, 5978	maize 4851
carnations 368	squashes 581	tobacco 2235
cauliflower mosaic caulimovirus	sweet potatoes 4611	lychnis ringspot hordeivirus 1262 poa semilatent hordeivirus 1262
256, 1240, 1903, 2550, 2552, 5467, 7336, 7384-7385	tobacco 495, 1259, 1456, 2233- 2234, 2888, 3534, 5046,	ilarvirus group
cabbages 8135	6745, 7979	apple mosaic ilarvirus
cauliflowers 3594-3595, 8135	tomatoes 967, 1469-1471, 2242,	apples 1409, 3393, 4946
dahlia mosaic caulimovirus, Dahlia	3535, 3540, 4371, 5920,	roses 866
2091	6766 watermelons 2342	asparagus 2 ilarvirus, asparagus 2400, 4595
figwort mosaic caulimovirus 240, 7384, 7386	water file lons 2342 weeds 382, 5195	citrus infectious variegation
molecular genetics 4758	peanut stunt cucumovirus	ilarvirus, citrus 2672
soybean chlorotic mottle cau-	clovers 2726	prune dwarf ilarvirus 4773
limovirus 244	cowpeas 2376	cherries 2800 prunus necrotic ringspot ilarvirus
closterovirus group	Robinia pseudoacacia 391 tomato aspermy cucumovirus 3914,	cherries 2740, 2798, 2800
beet yellows closterovirus 3945,	3931, 3943, 5459, 7368	peaches 2791, 2793, 3437, 7792

'iruses cont.	Viruses cont.	Viruses cont.
ilarvirus group cont.	pea enation mosaic virus group, pea	potyvirus group cont.
prunus necrotic ringspot ilarvirus	enation mosaic virus 7354	iris severe mosaic potyvirus
cont.	phytoarbovirus group	Iris 863
roses 866	epidemiology 3918	Iris hollandica 3339
tobacco streak ilarvirus	transmission 3918	leek yellow stripe potyvirus, leeks
Ageratum houstonianum 5043	phytoreovirus group	6106
asparagus 4595	molecular genetics 7311	lettuce mosaic potyvirus
Leguminosae 3616	rice dwarf phytoreovirus 1896,	lettuces 5714, 6100
tobacco 5043	1915, 3928, 7371-7372	Osteospermum fruticosum 5714
luteovirus group	rice 4877	peas 4524
barley yellow dwarf luteovirus 255,	wound tumor phytoreovirus 7371	maize dwarf mosaic potyvirus 3198
1901, 3213, 3924, 5590	potexvirus group	cereals 3978
barley 276, 1969, 1989, 2620,	Argentine plantago potexvirus 713	maize 317, 1987-1988, 2637-
3354, 4764, 4830, 5522,	cassava common mosaic potexvirus	2640, 4850, 5610, 7414,
7513-7514	5471	7548-7549
cereals 728-729, 2581, 5523		sorghum 2007
	coat proteins 7376	sugarcane 960, 3525
grasses 729, 5719, 6435, 7730- 7731	cymbidium mosaic potexvirus	molecular genetics 5463, 7338
	Cymbidium 5713	monoclonal antibodies 3916
Lolium perenne 7740	orchids 386	narcissus yellow stripe potyvirus,
maize 3237	foxtail mosaic potexvirus 7366	ornamental bulbs 4171
oats 1330, 1985, 2634, 4051-	hydrangea ringspot potexvirus 7343	nothoscordum mosaic potyvirus,
4052, 6486-6487, 7537-	nerine X potexvirus, Nerine	Nothoscordum inodorum 2107
7538	fothergilli 384	onion yellow dwarf potyvirus
Pennisetum americanum 3237	papaya mosaic potexvirus 248	Allium chinense 8297
triticale 1273, 7444	potato aucuba mosaic potexvirus	garlic 2397, 5198
wheat 276, 2590, 4793, 5522	7343	
bean leaf roll luteovirus 5485	potato X potexvirus 230, 2540,	onions 3668-3669
beet western yellows luteovirus	3218-3219, 5474, 5488, 6417,	ornithogalum mosaic potyvirus 1911
1248, 3915, 5969	7343, 7356	ornithogalum mosaic virus
spinach 5978	Capsicum 2404, 6938, 8305	Lachenalia 358
sugarbeet 1022, 2320-2321,	Datura 7377	Ornithogalum 358
4764, 8128	globe artichokes 1092	papaya ringspot potyvirus, pawpaws
carrot red leaf luteovirus, Corian-	potatoes 470, 1443, 2855, 4318,	445, 5798, 6678, 7835
drum sativum 7854	5015, 5867, 5909, 6716,	papaya ringspot (type W) potyvirus,
groundnut rosette assistor lute-	6721, 7915, 7918	Cucurbitaceae 5145, 6842
ovirus, groundnuts 1610	tobacco 964, 2232, 5909	pea mosaic potyvirus, peas 3619
potato leaf roll luteovirus 1248,	white clover mosaic potexvirus 7343	pea seed-borne mosaic potyvirus,
3215, 5468, 7355	clovers 2120	peas 3618, 6032, 6855
Capsicum 1099	wineberry latent potexvirus 2146	peanut mottle potyvirus
Physalis 1264	potyvirus group	Phaseolus vulgaris 4535
potatoes 468, 470-471, 2191-	abaca mosaic potyvirus, Musa tex-	Vigna subterranea 3655
2192, 3501, 5008, 5014,	tilis 2692	peanut stripe potyvirus 4555
5865	bean common mosaic potyvirus	groundnuts 617, 1068-1069,
soybean dwarf luteovirus	1905	6883, 6891, 8220
Leguminosae 1603	Phaseolus vulgaris 1055, 2360-	plum pox potyvirus 246, 1252,
soyabeans 1062, 1603, 5168-	2361, 3007, 4532, 4536	1907, 2546, 3204-3208, 3221,
5170, 8204-8205	bean yellow mosaic potyvirus 1902	3922, 3942, 5479, 5495
taxonomy 231	Cicer arietinum 6083	apricots 3441, 3443-3445
tobacco necrotic dwarf luteovirus	Crocus 7702	damsons 2131
1248	Gladiolus 380-382, 2093	fruit trees 3432
tomato yellow top luteovirus 3915	Iris hollandica 3339	nectarines 3440
tomatoes 8002	lupins 2122, 5734	Nicotiana clevelandii 3932,
	Orchidaceae 2098	7348
machlovirus group	orchids 389	plums 2131, 2784-2789, 3434-
maize chlorotic dwarf machlovirus	ornamental bulbs 4171	3436, 7790
5611, 6415		potato A potyvirus 5464
maize 789, 1987, 6492	Phaseolus vulgaris 3623	potatoes 3500
necrovirus group	Vigna 8254	potato V potyvirus, potatoes 3500
tobacco necrosis necrovirus 2548,	weeds 382	potato Y potyvirus 492, 1914, 1916,
3911, 3920, 5492	bearded iris mosaic potyvirus, orna-	5464
cucumbers 6838	mental bulbs 4171	Capsicum 242, 2404, 4599,
soyabeans 6059	beet mosaic potyvirus 6825	5511, 6938-6939, 7374
tobacco 1452, 7978	sugarbeet 2970, 3588	Cyphomandra betacea 2817
nepovirus group	blackeye cowpea mosaic potyvirus	Nicandra physaloides 6132
arabis mosaic nepovirus 3196, 3209,	1905	potatoes 470, 941-942, 2194,
7359	Alysicarpus vaginalis 3369-3370	2855, 2860, 3497, 3500,
clovers 4927	carrot thin leaf potyvirus, carrots	3502-3503, 4319, 5008,
cherry leaf roll nepovirus	4506	5016, 5865, 5867, 6716,
Betula 4406	clover yellow vein potyvirus 5480	6719, 7915, 7919
Betula pendula 2925	Calanthe discolor 375	tobacco 964, 1453, 2888, 3531,
Fraxinus excelsior 5937	Calanthe sieboldi 375	5042, 5511, 5907, 7374
plums 3372	lupins 420	tomatoes 503, 3535, 8001
trees 3553	cowpea (aphid-borne) mosaic	soybean mosaic potyvirus 3217,
walnuts 3372	potyvirus, cowpeas 3021, 5185	3935
grapes 5808	cytology 232	Centrosema macrocarpum 422
grapevine chrome mosaic nepovirus	cytoplasmic inclusions 5458	soyabeans 1061, 1604, 2366,
257-258, 3197	dasheen mosaic potyvirus	4546, 6057-6059, 6874-
grapevine fanleaf nepovirus 3939,	Dieffenbachia maculata 357	6876, 8206
5487	Philodendron selloum 357	sugar beet mosaic potyvirus,
grapes 4283, 6688, 6690	differentiation 5458	sugarbeet 4489, 5970
reviews 7322	garlic yellow streak potyvirus, garlic	sugarcane mosaic potyvirus 252
tobacco ringspot nepovirus 3216,	2395	maize 2637, 4850
7341	hippeastrum mosaic potyvirus 6418	sorghum 6508
soyabeans 1048	hyacinth mosaic potyvirus, orna-	
tomato black ring nepovirus 3197	mental bulbs 4171	Stenotaphrum secundatum 2107
		sugarcane 483, 960, 3525, 7414,
tomato ringspot nepovirus 711,	identification 232, 5463	7955, 7957-7958
3196, 5490	immunodiagnosis 5460	sweet potato feathery mottle
apples 4220	iris mild mosaic potyvirus	potyvirus, sweet potatoes 645,
plums 2790	Iris 864	4612
tomatoes 1397	Iris hollandica 3339	tamarillo mosaic potyvirus 5483

firuses cont.	Viruses cont.	Viruses cont.
potyvirus group cont. taxonomy 7335	tobamovirus group cont.	unclassified viruses cont.
tobacco etch potyvirus 243, 492,	tobacco mosaic tobamovirus cont. Capsicum 1096-1097, 2404,	apple chlorotic leafspot virus cont. apples 2744, 2755, 3389, 4219,
710, 1249, 4770-4771, 5456,	3038, 3043, 5203, 6116,	4943
7339	6938, 8305-8306, 8308	cherries 2800
tobacco 4353	Dipladenia sanderi 379	fruit trees 2743
tomatoes 7994-7998	Nicotiana glutinosa 7347	peaches 2792, 3437
tobacco vein mottling potyvirus 3946, 5456, 5478	Nicotiana sylvestris 4772 tobacco 493, 1450-1451, 2228-	pears 4236 plums 2744
tobacco 5045	2231, 2888, 3530-3531,	apple rubbery wood virus
trichosanthes mottle potyvirus 4511	3533, 4350-4352, 5035-	apples 3393
tulip breaking potyvirus, tulips 2722	5036, 5038-5041, 5457,	pears 2129
tulips 393	5905-5906, 6744, 7313,	apple spy epinasty and decline
turnip mosaic potyvirus 1912, 5486	7344, 7347, 7416, 7975-	virus, pears 4236
Brassica 1026	7977, 8308 tomatoes 1465-1466, 1895,	apple stem pitting virus
cabbages 2978 cauliflowers 8134	2894-2895, 4367, 5916,	apples 3375 pears 4236
Cruciferae 5138	6764-6765, 7344, 7992,	artichoke latent virus, globe
faba beans 8197	7994-7998	artichokes 6114
orchids 389	tomato mosaic tobamovirus 8311	banana bunchy top virus, bananas
swedes 5980, 6829	tomatoes 1465, 2240, 2893,	2813, 4977
watermelon mosaic I potyvirus 4511	4370 tobravirus group	barley mild mosaic virus 3912
melons 6841	pea early-browning tobravirus 253,	barley 4038-4039 cereals 5525
watermelon mosaic II potyvirus 3940, 7350	5496	barley yellow mosaic virus 3221,
Cucurbitaceae 6842	pepper ringspot tobravirus 5496	3912, 3923, 3933-3934
melons 1037, 1586	tobacco rattle tobravirus 5496, 7353	barley 1968, 4038-4040
watermelons 2342	tomato spotted wilt virus group	cereals 5525
zucchini yellow mosaic potyvirus	tomato spotted wilt virus 3925,	barley yellow streak mosaic virus,
3921, 3940-3941	4183, 5466, 5470, 6423, 7364,	barley 7515
cucumbers 6839	7369, 7379 Capricum 263, 6118, 6036, 8307	beet necrotic yellow vein virus 5464 5971, 7390
Cucurbitaceae 2988, 5145, 6842	Capsicum 263, 6118, 6936, 8307 chrysanthemums 5707, 6576	soil 2317, 3170
marrows 2989	greenhouse crops 1270, 5515	sugarbeet 1023, 2317-2318,
melons 1889 pumpkins 1038	groundnuts 4553-4554, 6884,	2321-2323, 3587, 3589,
squashes 6839	6887, 8218	4488, 5125, 5129-5130,
rhabdovirus group	Mentha piperita 5825	5968, 6826, 8121-8124,
barley yellow striate mosaic	Nicotiana benthamiana 5473	8126, 8129
rhabdovirus	ornamental plants 356, 3234,	beet pseudo-yellows virus 715 lettuces 1626
Setaria 7428	4766	melons 2341
wheat 7428	Schlumbergera truncata 3348	beet soil-borne virus, sugarbeet
eggplant mottled dwarf rhabdovirus	Sinningia speciosa 3350 tobacco 263, 5037, 5044	2319, 5125, 8127
aubergines 2416, 3050	tonatoes 263, 4766	blueberry scorch virus
Withania somnifera 3050 lettuce necrotic yellows rhabdovirus,	vegetables 3234	Vaccinium 3457
garlic 2395	tombusvirus group	Vaccinium corymbosum 2134
northern cereal mosaic rhabdovirus,	artichoke mottled crinkle tombus-	blueberry shock virus, <i>Vaccinium</i> 3457
cereals 7429	virus, globe artichokes 6925	cacao swollen shoot virus 5494
rice transitory yellowing	cymbidium ringspot tombusvirus	camellia leaf yellow mottle virus,
rhabdovirus 1904	3937	Camellia 378
strawberry crinkle rhabdovirus, strawberries 7813	tomato bushy stunt tombusvirus 1258, 1913	cardamom katte virus, Elettaria
satellite virus group, tobacco necrosis	tomatoes 3537	cardamomum 3483-3484
satellite virus 2548, 4767	tymovirus group	carrot temperate virus, carrots 4507
sobemovirus group	belladonna mottle tymovirus 7363	cassava X virus, cassava 8317 cassia severe mosaic virus, Cassia
southern bean mosaic sobemovirus	cacao yellow mosaic tymovirus 1271	corymbosa 374
cowpeas 627	eggplant mosaic tymovirus,	cereal mosaic virus, cereals 7429
Phaseolus vulgaris 1056	aubergines 3678	cereal pupation virus, cereals 7429
velvet tobacco mottle sobemovirus	erysimum latent tymovirus 3929	cherry green ring mottle virus, cher
1253	Crambe 7392 Erysimum 7392	ries 2799
tenuivirus group maize stripe tenuivirus	okra mosaic tymovirus, Abelmos-	chickpea distortion mosaic virus,
maize 790, 4055	chus esculentus 8316	Cicer arietinum 6082-6083 citrus mosaic virus, citrus 7658
sorghum 4862	turnip yellow mosaic tymovirus	citrus psorosis virus, citrus 4122,
rice grassy stunt tenuivirus, rice	2549	7654, 7656
1363	Brassica 5137	citrus ringspot virus, citrus 5667
rice hoja blanca tenuivirus 3214	wheat streak mosaic virus group	citrus tatter leaf virus, citrus 4124
rice 3966	ryegrass mosaic virus, pastures 4188 wheat streak mosaic virus 3936	cluster bean mosaic virus, Cyamop-
rice stripe tenuivirus 3927, 3930, 3938	cereals 3978, 5524	sis tetragonoloba 1620 commelina yellow mottle virus 5484
rice 2433, 4089	maize 7550	cotton leaf curl virus, cotton 4159
tobamovirus group	wheat 3242, 5535, 6440	cowpea aphid-borne breaking virus,
cucumber green mottle mosaic	unclassified viruses	cowpeas 8243
tobamovirus 5489	agropyron mosaic virus, cereals	cowpea mottle virus, cowpeas 4565
Cucumis 1039	3978	datura yellow vein virus, Datura
melons 1039, 1895, 6841	alfalfa mosaic virus 241, 2551, 3926, 7349, 7361	stramonium 7375 digitaria streak virus
Momordica charantia 8159 cytology 232	Buddleja davidii 2697	Digitaria setigera 1251
gene expression 7312	lucerne 413, 2729-2730, 6607,	tobacco 1251
identification 232	7754	diodia vein chlorosis virus, Diodia
odontoglossum ringspot tobamovirus	peas 3619	virginiana 3683
1917, 5469, 7373	Phaseolus vulgaris 603, 3623	dipladenia mosaic virus, Dipladenia
Cymbidium 387, 5713	soyabeans 6059	sanderi 379
orchids 386	squashes 6840	double bean yellow mosaic virus,  Phaseolus vulgaris 4532
tobacco mosaic tobamovirus 230,	tobacco 1455, 5908 American hop latent virus, hops	echinochloa ragged stunt virus 2433
238, 494, 1250, 1897-1900, 3201-3202, 3532, 3919, 5465,	4298	Echinochloa crus-galli 1111
6410, 7345-7346, 8311	apple chlorotic leafspot virus 2544,	eggplant mild mosaic virus,
aubergines 2415	5472	aubergines 2417

ruses cont.	Viruses cont.	Viruses cont.
unclassified viruses cont.	unclassified viruses cont.	movement 6412, 7326
epirus cherry virus, cherries 3449	sunn-hemp rosette virus, Cyamopsis	plasmodesmata 7327
garlic latent virus	tetragonoloba 6081	proteins 7327
Allium chinense 2396, 8297	tea phloem necrosis virus, tea 7969	mulberries 2145
garlic 2397, 5197	tomato leaf curl virus, tomatoes	mushrooms 3031, 6104
garlic mosaic virus, garlic 6105	1467-1468, 2893, 4366, 7993	nucleotide sequences 229
grapevine phloem-limited isometric	watercress yellow spot virus, water-	Orchidaceae 388
virus, grapes 2823	cress 6112	ornamental bulbs 2693-2694, 4170
groundnut rosette virus, groundnuts	wheat spindle streak mosaic virus	ornamental plants 236, 360, 844-846,
1610, 2373, 3644, 8221	4794 wheat 3997	2695, 3234, 6565
hibiscus yellow vein mosaic virus,	wheat yellow mosaic virus	pathogenesis-related proteins 1237 peaches 5769
Abelmoschus esculentus 8315	cereals 5525	pears 2746
hordeum mosaic virus, cereals 3978	wheat 1279	peas 2999
Indian cassava mosaic virus, cassava	identification 3913	Phaseolus vulgaris 5513
6129, 8318	immunodiagnosis 2539	phylogeny 7331
Japanese iris necrotic ring virus,  Iris 7714	India 7332	physiopathology 1236
Johnsongrass mosaic virus 3198,	Abies 1002	Phytolacca americana 646
5493	antiviral agents 7313-7314, 7317	pineapples 7837
kalanchoe bacilliform virus,	apples 2740, 2746, 4944	plant extracts 3199
Kalenchoë blossfeldiana 383	avocados 1894	Pleurotus 1089
lettuce big-vein virus, lettuces 3660,	bananas 2147	pome fruits 4937
5194	Bangladesh 7325	potatoes 469, 940, 2189, 2852, 2854,
lettuce infectious yellows virus	barley 777	3499, 4316-4317, 5009-5013,
melons 579	books 1232-1233, 2536, 7308	5862-5864, 5866, 6715, 6717-
vegetables 2968	buckwheat 4080	6718, 7914, 7916
maize chlorotic mottle virus, maize	Capsicum 1098, 2405, 6113, 6117	Psophocarpus scandens 3654
4852	Carica pentagona 2818	Psophocarpus tetragonolobus 3654
maize white line mosaic virus	catalogues 7307	quarantine 7323
maize 5521	cherries 3448 Chinese cabbages 4496	Ranunculus asiaticus 392 raspberries 7807
wheat 5521		replication 7329
mulberry mosaic virus, mulberries	Cicer arietinum 2380 citrus 828, 1894, 5666, 7655	resistance 1246-1247, 3907-3908, 4759,
7836	coat proteins 3908, 4765, 5462	6411, 7334
nerine Y virus, Nerine sarniensis	Codiaeum variegatum 7701	patents 7915
384	control 1244, 7315, 7318-7319, 7321	reviews 708
oat golden stripe virus, cereals 5525	crop losses 1235	Ribes 6652
oat mosaic virus, cereals 5525	crops 234, 2543	rice 330, 4087, 4876
okra enation leaf curl virus,	Cryphonectria parasitica 982, 1918	Rubus 6652
Abelmoschus esculentus 8315 okra leaf-curl virus, Abelmoschus	cucumbers 6013	rye 4845
esculentus 3053	Cucurbita 6013	serology 4761
panicum mosaic virus,	Cucurbitaceae 5513, 6016	Sinningia speciosa 6584
Stenotaphrum secundatum	Cyamopsis tetragonoloba 2382, 6904	soil 1234
401	cytochemistry 6400	Solanum 7917
pear ring pattern mosaic virus,	detection 237, 705, 6379	spectroscopy 2538
pears 2129	diagnosis 7323 electron microscopy 6398-6399, 6401-	spread 704 reviews 7310
pear stony pit virus, pears 3375	6402	squashes 6017
pear vein yellows virus, pears 2129,	epidemiology 1243, 5446	stone fruits 907, 4937
4236	eradication 1245	strawberries 918, 7812
pelargonium zonate spot virus,	estimation 4760	structure 4765
tomatoes 6767	Eustoma grandiflorum 2703	sugarbeet 2971, 4487, 5127, 6824
pigeon pea sterility mosaic virus,	evolution 5462	sweet potatoes 1644
pigeon peas 1619, 2379, 2381,	faba beans 606, 2999	tobacco 1454, 2887
8257	forest trees 2915, 2923	tomatoes 5915
potato L virus, potatoes 6719 raspberry bushy dwarf virus 7367	fruit trees 2741-2742, 2745, 3373	translocation 1238
rice penyakit merah virus, rice 2655	Fusarium oxysporum f.sp. vasinfectum	transmission 704, 1241-1242, 3905,
rice ragged stunt virus 1896	7393	5245, 6401, 7333, 7342
rice 329, 2016-2017, 4873-4874	garlic 6916	Tropics 1233
rice tungro bacilliform virus 4875	genetic engineering 1247, 3906-3907,	Ustilago zeae 3948, 5497
rice 815-816, 1364, 2018, 2657,	5461, 6408, 7309, 7315 genetic transformation 1893	Vaccinium 5775 Vaccinium corymbosum 2134-2135
4878, 7597	genetics 7308	variation 1239
rice tungro spherical virus 4875	Gentiana 4916	vectors 239, 3909, 4762-4763, 5446,
rice 815-816, 2018, 2656-2657,	grain legumes 2354	6397, 7318-7319
4878, 7597	grapes 923, 2824, 6689	vegetables 2969, 5963
rice tungro virus	groundnuts 1067, 6882, 6885-6886	Vigna unguiculata subsp. sesquipedalis
maize 7591	health 1891	6903
Oryza barthii 7596	histopathology 6402	wheat 2589
rice 331, 814, 2658, 4086, 4088,	host specificity 1240	wild plants 647
4870-4872, 6514-6516,	identification 235, 6399	woody plants 359
7591, 7596	immune serum 7307	Yemen Arab Republic 3225
weeds 7591	immunodiagnosis 233, 707, 7330	Vitamins
rice yellow dwarf virus, rice 4085, 5644	books 2448	activity
	Impatiens sultani 7715	Amanita muscaria 88
rice yellow mottle virus, rice 7590, 7595	induced resistance 6413-6414, 7320	Rhizopogon luteolus 88
rose rosette virus, roses 2426	inhibition 7316	Suillus bovinus 88
satellite tobacco mosaic virus 1254	Jasminum sambac 5711 Kalanchoë 3210	Vitex negundo Pseudocercosporella viticis
satsuma dwarf virus, satsumas	Lagena radicicola 1966	taxonomy 7287
3311, 7657	Leguminosae 1591, 3617	Uttar Pradesh 7287
sesbania mosaic virus, Sesbania ses-	lettuces 2390, 4584	Vitis (see Grapes)
ban 4201	localization 7324	Volcanic soils, mycorrhizas, Hawaii 1738
silene mosaic virus, Silene fruticosa	lucerne 409	Wallemia sebi, coffee 4144
3349	lupins 6614	Walnuts
sorghum red stripe virus, sorghum	maize 5513, 5609, 6491	bacteria, tissue culture 5082
7566	meiosis 6396	cherry leaf roll nepovirus
spinach mosaic virus 2328, 6416	melons 2339	rootstock scion relationships 3372
strawberry mottle virus, strawber-	molecular genetics 6406-6407	serological relationships 3553
ries 7813	monoclonal antibodies 3200	UK 3553

alnuts cont. Erwinia rubrifaciens	Waxol, control, Botryodiplodia the- obromae, mangoes 5797	Wheat cont.
California 5083	Wedelia biflora, plant extracts, antifungal	Alternaria triticina cont. Orissa 5586
transmission 5083	properties 1725	seeds 5586
wood destroying fungi	Weeds	varietal reactions 282
Czechoslovakia 8051	bacteria, biological control 5229	antiviral agents, activity 2542
environmental factors 8051	bean yellow mosaic potyvirus epidemiology 382	Aspergillus
fungicide residues	Italy 382	biochemistry 5588 Iran 1282
Maine 1733	biological control 4618, 6134	seeds 5588
New Jersey 5776	Australia 3059	storage 1282, 5588
fungicides	books 4642	Aspergillus niger
detection 5283 estimation 40	economics 5226 mycoherbicides 5220, 5224-5225	Israel 3251 seed treatment 3251
Fusarium	New Zealand 3062	bacteria 5251
nitrates 7202	reviews 3063, 5221-5223, 6941	crop density 1314
survival 7202	biological control agents, genetic engi-	rotations 1314
pesticide residues	neering 6942-6943	barley yellow dwarf luteovirus
Europe 5277 USA 5277	broad bean wilt fabavirus, reservoir hosts 5195	carbohydrates 4793 sowing date 276
pesticides 3781-3782	Cochliobolus hawaiiensis, survival 5579	transmission 2590
analysis 5282	cucumber mosaic cucumovirus	UK 276
assessment 5281	epidemiology 382	varietal reactions 2590, 4793
Canada 7038	Italy 382	yield losses 5522
contamination 4677-4679 detection 7043	reservoir hosts 5195 epidemiology, <i>Pseudomonas</i>	Yugoslavia 5522 barley yellow striate mosaic
Germany 2474, 2476-2477	solanacearum, potatoes 7938	rhabdovirus
Hawaii 7047	fungi	Iran 7428
legislation 7038	biological control 649, 1572, 1648,	transmission 7428
models 6287	5214-5215, 8335	black point
movement 5274 residues 3784, 4680, 5272, 6253,	New Zealand 649 mycoplasma-like organisms	Chile 3250 India 5539
6288	epidemiology 382	Chaetomium globosum, India 7239
UK 5311	Italy 382	Clavibacter michiganensis subsp. tes-
Phytophthora, detection 3899	mycorrhizas	sellarius, Illinois 1315
Pseudomonas, India 7025	Assam 7126	Clavibacter tritici
Pythium, detection 3899 Vatercress	weeds 7126 plant diseases, competition 6945	Haryana 1941 Nematoda 1941
Spongospora subterranea f.sp. nastur-	plant extracts, antibacterial agents	Claviceps purpurea
tii, testing 6112	6199	host parasite relationships 7502
watercress yellow spot virus, testing	Pseudomonas syringae pv. syringae	seeds 7502
6112	New York 3627	strains 7502 Cochliobolus hawaiiensis
detercress yellow spot virus, watercress	overwintering 3627 Rhizoctonia solani, India 5061	culture media 307
atermelon mosaic I potyvirus	rice tungro spherical virus, Thailand	hosts 5579
Cucurbitaceae 4511	7591	survival 5579
melons 6841	Tilletia indica	Cochliobolus lunatus var. aeria
Vatermelon mosaic II potyvirus	life cycle 1940 sporidia 1940	Argentina 7498 seeds 7498
Cucurbitaceae 4510, 6842 melons 1037, 1586, 2339	turnip mosaic potyvirus	Cochliobolus sativus
monoclonal antibodies 7350	Ontario 6131	biochemistry 5549
nucleotide sequences 3940	reservoir hosts 6131	biological control 3991, 4819
serology 7350	Xanthomonas campestris pv. phaseoli	Brazil 5547
watermelons 2342, 4509 /atermelon mosaic virus	Dominican Republic 6948 reservoir hosts 6948	crop residues 5547 cytology 7450
cucumbers 6013	West Africa	environmental factors 5533
Cucurbita 6013	pesticides, usage 1140	forage 1298
atermelons	rice	in vitro selection 1961
Colletotrichum orbiculare	Xanthomonas campestris pv. oryzae 7632	infection 7450 Pakistan 6449
California 6029 induced resistance 1589	Xanthomonas campestris pv.	photosynthesis 4818
seeds 6029	oryzicola 7632	resistance 285, 5549
cucumber mosaic cucumovirus	West Asia, faba beans, broad bean wilt	rotations 7497
characteristics 2342	fabavirus 3630	seed treatment 3991, 7496 seeds 5548
Jiangsu 2342 diseases, China 4509	Western Samoa, plant diseases 6995 Wheat	Shaanxi 5548
Fusarium	Acremonium coenophialum, toxins	somaclonal variation 721
India 6845	2114	spore germination 7496
postharvest decay 6845	agropyron mosaic virus	sporulation 5533
Fusarium oxysporum	cytoplasmic inclusions 3978 mixed infections 3978	survival 5547 testing 4818, 6466
soil solarization 7231 Spain 7231	Alternaria	Texas 1299
Fusarium oxysporum f.sp. niveum	Chile 3250	tillage 1299
control 2353, 8168	host parasite relationships 7408	toxins 1961, 4818
Cyprus 8168	infection 7408 Israel 3251	USSR 7453 varietal reactions 1298, 6449
induced resistance 8175 seeds 8175	seed treatment 3251	yield losses 1298, 5548
Spain 8172	Alternaria alternata	Coprinus psychromorbidus
testing 2991	amino acids 7504	continuous cropping 1311
varietal reactions 8172	culture 1963	pathogenicity 725 survival 1311
Phytophthora capsici	detection 7503 environmental factors 1312	temperature 725
symptoms 2350 Turkey 2350	host parasite relationships 772	Corticium rolfsii
Pythium torulosum	seeds 5548	biological control 311
symptoms 2350	Shaanxi 5548	herbicides 310
Turkey 2350	susceptibility 7504 toxins 1312, 7503	diseases Arkansas 2589
watermelon mosaic II potyvirus characteristics 2342	USSR 7453	Australia 1278
Jiangsu 2342	yield losses 5548	Austria 2557
Vax coatings, control, apples, storage	Alternaria triticina	biological control 2127
decay 7777	Bihar 282	books 7442

heat cont.	Wheat cont.	Wheat cont.
diseases cont.	Erysiphe graminis cont.	Gaeumannomyces graminis var. tritic
breeding 1280, 2593, 3244, 3955,	yield losses 763, 5541	cont.
4796, 4809, 5538, 6441-6442	yields 762	siderophores 3271
control 278, 283, 737, 741, 744-745,	foot and root rot, Hungary 7457	soil fungi 4025 suppressive soils 308
1283, 1656, 1942, 2589, 2596,	fungi	testing 3986
6444-6445, 6447, 6450, 7442 cropping systems 5544	detection 7434 enzymes 5543, 7434	UK 6467
damage 3994	proteins 5543	Western Australia 308
defence mechanisms 4798	roots 4025	yield losses 3274
Denmark 5545	rotations 4025	Gibberella avenacea
economics of control 737, 740,	seeds 7434	pathogenicity 1307
2594, 2596	fungicide residues 3249	rotations 1307
epidemiology 6448, 7455	fungicides	seed treatment 1306
Ethiopia 1942, 7451	activity 3998, 6450	varietal reactions 1306
Europe 741	phytotoxicity 5529	Gibberella zeae
fertilizers 283	Fusarium	Brazil 5547
forecasting 4795	breeding 3990	breeding 1964
France 6444	Canada 1965	China 4824, 7506
genetics 6441, 7445	control 3990, 5530, 7440	combining ability 4823
genotype mixtures 3247, 4017,	environmental factors 1308	control 3988, 4036, 7440
5545, 6443	fertilizers 7436	crop residues 3988, 5547
Germany 2596, 5544, 7435	histopathology 4030	cytology 7450
host parasite relationships 4788	host parasite relationships 4826	environmental factors 4827
India 739	Netherlands 3275	forecasting 5587
induced resistance 2595	plant growth regulators 7436	genetics 4031, 7506, 7508
integrated control 1281	Poland 1303, 4002	India 4035
interactions 3994	rotations 309	Indiana 1310
Israel 1283	seeds 1965, 7436	infection 771, 774, 7450
Italy 3252, 3254	South Africa 309	Iran 1309
lignification 4798	symptoms 3979	mechanical damage 771
models 4795	testing 5429	mutants 7507
molecular genetics 4788	toxins 1303, 2583, 3275, 3979,	New South Wales 4827, 6470
Morocco 1272	4826, 5585, 7440	pathogenicity 1307, 3985
Netherlands 3245	UK 1308	Poland 4029
nitrogen 737	USSR 4002	recurrent selection 4828
ozone 7435	varietal reactions 1965, 3990, 7436	rotations 1307
Prince Edward Island 1274	Fusarium crookwellense, toxins 1937	seed treatment 1306
reviews 7443	Fusarium culmorum	seeds 771, 1309-1310
Romania 2593	biological control 3991	selection 4032
rotations 1274, 5526, 5540	chloride 5584	stubble 774
Rwanda 1943	control 4034	survival 5547
seeds 278	electron microscopy 5583	symptoms 4827
South Africa 3996	fertilizers 5584	toxins 1310, 1937, 4029, 4032,
spread 7443	genetics 769-770	4036, 7440, 7507
Syria 3241	host parasite relationships 4033,	trichothecenes 3985
tillage 5540	4825	varietal reactions 768, 1306, 403:
Ukrainian SSR 1944	immunocytochemistry 5583	4824, 7508
USA 7442	infection 2618	yield losses 1309-1310, 6470
USSR 3994, 5542, 7452, 7454-7455	models 4033	Glomus fasciculatum
varietal reactions 737, 1272, 7451 weather 3245	Pakistan 6449	mycorrhizas growth 161
yield losses 1272, 1278	plant growth regulators 4825 Poland 4029	insecticides 161
Drechslera triticicola, China 765	polypeptides 5583	varietal reactions 1793
enzyme-mycosis exhaustion, breeding	resistance 4033	yields 1793
6471	seed treatment 3991	hexaconazole, metabolism 6451
Erysiphe graminis	selection 1304-1305, 7509	hordeum mosaic virus
breeding 742, 1293, 2592, 2609,	testing 4792	cytoplasmic inclusions 3978
4814-4815, 5537	toxins 3277, 4029, 7509	mixed infections 3978
Bulgaria 5576	varietal reactions 2618, 3277, 6449	hybrid necrosis, genetics 7511
control 284, 1292, 1960, 3971, 6459	yield losses 3277	Hymenula cerealis
cultural methods 4816	Gaeumannomyces graminis	genetics 743
enzymes 303, 313	control 7500	injuries 3276
evolution 281	detection 6468	inoculum 3276
formae speciales 281	herbicides 1301	resistance 312, 743
genes 3265	Netherlands 3243	soil pH 3276
genetics 304, 2610-2611, 4014,	rotations 3273	Lagena radicicola
4797, 4812-4813, 5576, 7432,	yield losses 1938	life cycle 1966
7446, 7489-7492	Gaeumannomyces graminis var.	viruses 1966
Germany 4816	graminis, control 286, 1302	Leptosphaeria avenaria
germination 4790	Gaeumannomyces graminis var. tritici	Bulgaria 5577
host specificity 281	7499	varietal reactions 5577
India 7492	antibiotics 3271	Leptosphaeria avenaria f.sp. triticea
induced mutations 4015	Australia 4003	resistance 285
infection 4790	bacteria 4820	Leptosphaeria nodorum
irrigation 3253 Italy 284, 3253	biological control 3271	abscisic acid 4817
Latvian SSR 1292	continuous cropping 4024	Brazil 5547
models 762-763	control 287, 5581 cropping systems 5580	breeding 1297, 2591, 4018 Bulgaria 5577
Nanjing 742	cultural methods 731	control 305-306, 4019, 6464, 745
North Carolina 5541	Denmark 731	crop residues 3266, 5547
oxygen 4790	environmental factors 4821	Finland 4022
pathogenesis-related proteins 4016	epidemiology 4024	genetics 2613, 7493
races 2611, 5576, 7492	fertilizers 3274	Germany 306
rain 4790	France 5580, 6467	immunodiagnosis 6460-6461
resistance 303, 313, 3265, 4015,	Germany 4821	interactions 4000
7491	integrated control 6467	models 306
RSFSR 4797	models 4024	monoclonal antibodies 6460-6461
soil amendments 3971	nitrogen 4820	nutrients 4019
Uttar Pradesh 761	potassium 1300	resistance 285
varietal reactions 761, 2612	rotations 308, 4025	seeds 3266, 7456

Wheat cont.	Wheat cont.	Wheat cont.
Leptosphaeria nodorum cont.	Pseudocercosporella herpotrichoides	Puccinia recondita cont.
survival 5547	var. acuformis, epidemiology 4026	Indian Punjab 288
Switzerland 6461	Pseudocercosporella herpotrichoides	induced mutations 5564
testing 1295 UK 6461	var. herpotrichoides, epidemiology 4026	infection 3257
urea 6465	Pseudomonas, host parasite relation-	inoculum density 4789 insects 288
USSR 5578	ships 5265	irrigation 3253
varietal reactions 1294, 1297, 2614,	Pseudomonas fuscovaginae	isoenzymes 5560
4022, 5577	characteristics 775	Israel 3246
yield losses 4022	Mexico 775	Italy 284, 3253, 3262
maize white line mosaic virus, inocula-	seeds 4037 Pseudomonas syringae pv. atrofaciens	Kazakh SSR 5556
tion 5521 mineral deficiencies, Germany 6472	Bulgaria 5577	Louisiana 1951 Mexico 7458
Monographella nivalis	testing 4792	models 755
control 773	varietal reactions 5577	North Carolina 5541
environmental factors 5546	Pseudomonas syringae pv. japonica	pathogenesis-related proteins 7464
Mexico 5546	histology 1277	pathotypes 7458
Ontario 773	Japan 4829	phenolic compounds 4007
resistance 285 seed treatment 735	seed pathology 1277  Puccinia	phenotypes 3259-3260 plant extracts 4672
mycorrhizas	books 749	polymers 3257
British Columbia 3829	breeding 742, 749, 2591	population dynamics 2604
seasonal variation 3829	Nanjing 742	population structure 7473
varietal reactions 6319	Puccinia graminis	races 292, 1289, 3261, 7469, 7474
Mycosphaerella graminicola	adhesion 5531	resistance 291, 293, 1952, 3255,
breeding 2591, 4018	breeding 747, 1928, 1945, 1948,	3258, 4007, 5557, 7468 RSFSR 4797
Bulgaria 5577 California 3268	2597, 2599, 4799-4800, 7459 Canada 5528	selection 754
control 6463-6464	China 4802	senescence 754-755
DNA fingerprinting 6462	chromatography 4005	South Africa 1289
environmental factors 5546	control 284, 1945, 6453, 7461	sowing date 1953
Georgian SSR 1296	cytochemistry 6454	spore germination 5550
Germany 4020	Czechoslovakia 748, 752	sporulation 4789
immunodiagnosis 6460-6461	elicitors 4005, 5554-5555 environmental factors 5550	temperature 293, 756, 4008 Uruguay 292
Israel 3246 Mexico 5546	enzymes 1947, 4004	USA 3255
monoclonal antibodies 6460-6461	genetics 746-747, 751-752, 1284-	USSR 2604, 5558, 7473-7474
pseudothecia 4020	1286, 2600, 4802, 5552	varietal reactions 282, 292, 294,
resistance 285	host parasite relationships 4801,	748, 1949, 1951, 1955, 2598,
restriction fragment length polymor-	5531, 5553-5555	2601-2602, 4803, 5558, 6455,
phism 3268	hypersensitivity 1947, 5555	7460, 7463, 7465, 7470, 7475 virulence 5561, 5564
sampling 1231 spread 3267	induced resistance 7462 irrigation 3253	yield losses 754-755, 1951, 3246,
Switzerland 6461	Italy 284, 3253	4803, 5541
testing 1296	lignin 4801	Zimbabwe 1955
tillage 3267	Mexico 7458	Puccinia striiformis
UK 6461	models 1928	adhesion 5531
USSR 5578	pathotypes 7458	China 5568
varietal reactions 2614, 5577	photosynthesis 750 physiology 750	control 284, 6453 environmental factors 4010, 7477
yield losses 1296, 3246	phytoalexins 5553	enzymes 1957
growth 5589	races 5528	epidemiology 6452
plant diseases 7435	resistance 1947, 3255, 4801	genetics 295, 299, 3263, 4009, 5566
yield losses 5589	screening 5551	genotype mixtures 757, 6452
Penicillium	spore germination 5550	Himachal Pradesh 7476 host parasite relationships 5531
Iran 1282	USA 3255 Uzbek SSR 4799	India 4010
storage 1282 pesticides	varietal reactions 748, 2598, 4006	Indian Punjab 288
application 3995	virulence 4802, 5528	insects 288
nontarget effects 3787	Puccinia recondita	Israel 3246
phylloplane fungi	adhesion 5531	Italy 284
biochemistry 5549	Bihar 282	models 296, 5568 New Zealand 5567
fungicides 4001	biological control 3262 breeding 747, 1945, 2592, 2597,	Pakistan 4009
physiological rot, genetics 1316 Phytophthora cryptogea, Sweden 3223	2605, 4805, 4807, 5537, 5564-	pathotypes 7476
Pseudocercosporella herpotrichoides	5565	photosynthesis 296
Alberta 5582	Canada 3260-3261, 5561	preservation 7478
breeding 2617	control 284, 294, 1945, 1954, 6453,	races 300
control 286-287, 733-734, 767,	7044	resistance 297, 758 seed treatment 6457
1275, 3248, 4027, 4822, 6469	Czechoslovakia 748 environmental factors 5550	source sink relations 298
cultural methods 732 Denmark 732-733	enzymes 1949, 1952	urediospores 7477-7478
economics of control 733	epidemiology 1951, 6452	varietal reactions 295, 297, 299-
environmental factors 3240	estimation 4804	300, 1956, 4009
epidemiology 3983	forecasting 7474	yield losses 296, 3246, 5567
fungicide tolerance 733	gene expression 3258	Pyrenophora tritici-repentis
genetics 743, 766	genetics 289-290, 293, 746-747, 1288, 1950, 2603, 3259, 4008,	antagonists 2615, 3270 crop residues 2615-2616
Germany 767 host parasite relationships 3240	4797, 4806, 5556, 5559, 6456,	environmental factors 5546
infection 4027-4028	7446, 7466-7467	epidemiology 1313
isolates 3983, 7441	genotype mixtures 5563, 6452	genetics 3269
Japan 4822	Georgian SSR 4803	host parasite relationships 3269
Netherlands 3243	growth stages 6456	interactions 4000 Mexico 5546
pathotypes 4028	Haryana 7463 histopathology 7044, 7465	Ontario 1313
population dynamics 3248 resistance 743	host parasite relationships 753-756,	resistance 285
reviews 767, 1275	4007, 5531, 5562, 7464	soil water potential 2615
UK 1275, 3983	IAA 6455	South Africa 2616
USSR 7501	IAA oxidase 6455	survival 2615 symptoms 3269
varietal reactions 7501	India 294, 7469	Symptoms 520)

Wheat cont.	Wheat cont.	Wheat yellow mosaic virus
Pyrenophora tritici-repentis cont.	Tilletia laevis cont.	cereals 5525
tillage 764	Iran 4011	rye 4845
toxins 4023	Iraq 4012	wheat 1279, 2589
Pythium arrhenomanes	irrigation 4011	White clover mosaic potexvirus
histopathology 7510	races 1291	clovers 2120, 5963
roots 7510	seed treatment 2606	coat proteins 7376
Rhizoctonia cerealis	sowing date 1291	serology 7343
control 3999	taxonomy 4012	White mustard (see Sinapis alba)
Netherlands 3243	transmission 2606	Wikstroemia
Rhizoctonia oryzae	varietal reactions 1291 virulence 7482	Phaeoisariopsis, taxonomy 7275
anastomosis groups 730 control 286-287		Stenella, taxonomy 7275
Oregon 286	Tilletia tritici animal manures 3264	Wilcoxina mikolae Coniferae, mycorrhizas 2488
temperature 730	control 7456	identification 120
USA 730	genetics 1959	molecular genetics 7092
Rhizoctonia solani	Himachal Pradesh 7482	pines, mycorrhizas 1756
anastomosis groups 730	Iraq 4012, 5574	taxonomy 120, 7092
Australia 4003	isolates 5574	Wilcoxina mikolae var. mikolae, labora-
control 286-287	races 1291	tory tests, fungicides 4695
Oregon 286	seed treatment 5570	Wilcoxina mikolae var. tetraspora, labora-
Pakistan 6449	seeds 7456	tory tests, fungicides 4695
temperature 730	soil 3264	Wilcoxina rehmii
USÂ 730	sowing date 1291	identification 120
varietal reactions 6449	spores 3264	laboratory tests, fungicides 4695
Rhizopus	survival 3264	molecular genetics 7092
Israel 3251	Sweden 5570	taxonomy 120, 7092
seed treatment 3251	taxonomy 4012	Wild plants
Sclerophthora macrospora, physiology	varietal reactions 1291	air pollution
7505	virulence 7482	India 2430
Sclerotinia sclerotiorum	Typhula incarnata	stomata 2430
Romania 7410	control 773	diseases, USSR 4787
seeds 7410	Ontario 773	mycorrhizas
seedborne fungi	Typhula ishikariensis var. ishikariensis	growth 1178
Bihar 7447	control 773	phosphorus 1178
control 5536, 7448-7449	Ontario 773	Phytophthora cinnamomi, Australia
insects 7447	Urocystis agropyri, environmental fac-	8067
Orissa 7448	tors 5575	viruses, acclimatization 647
storage 7447	Ustilago segetum var. avenae, varietal	Wineberry latent potexvirus
toxins 7447	reactions 2608	characteristics 2146
Septoria triticicola, characteristics	Ustilago segetum var. nuda	RNA 2146
7494	control 760	Withania somnifera
snow moulds cultural methods 4780	inoculation 759	Cochliobolus hawaiiensis, India 3965
susceptibility 4780	varietal reactions 7472	eggplant mottled dwarf rhabdovirus
varietal reactions 4780	Ustilago segetum var. tritici	Jordan 3050
soil bacteria, host parasite relationships	breeding 3982	strains 3050
5265	ergosterol 4013	plant extracts, antiviral agents 8308
storage decay	genetics 302	Wood
control 5517	inoculation 5532	Botryodiplodia theobromae
seeds 5517	Pakistan 1290	biological control 5122
toxins 5517	seed treatment 7488	Kerala 5122
sulfur dioxide, yield losses 3993	seeds 1290, 4013	Grammothele fuligo, India 4481
surfactants, activity 2466	symptoms 4811	Hypoxylon truncatum
Tilletia	varietal reactions 2608, 4811	decay 2309
genetics 4808	wheat spindle streak mosaic virus	environmental factors 2309
Iraq 5574	China 3997	Lentinula edodes
isolates 5574	identification 4794	decay 2309
Tilletia controversa	integrated control 3997	detection 2307
genetics 1959	Jiangsu 4794	environmental factors 2309
seed treatment 2606, 5571	wheat streak mosaic virus	enzymes 2307
Sweden 5571	coat proteins 3242	Phanerochaete chrysosporium
transmission 2606	cytoplasmic inclusions 3978	detection 2307
varietal reactions 5571	genetics 6440	enzymes 2307
Tilletia indica	host parasite relationships 3242 immunodiagnosis 5535	Theleporus calcicola, India 4481 Wood destroying fungi
breeding 7486	mixed infections 3978	activity 4480
control 4810	Ontario 5524	fatty acids 7178
cytology 6971	screening 5524	New Zealand 8035
epidemiology 301	susceptibility 5524	pears 8051
heterothallism 5573 India 7485	wheat yellow mosaic virus, immu-	pines 8099
	nodiagnosis 1279	Populus canadensis 5074
Indian Punjab 301, 4810	Xanthomonas campestris	walnuts 8051
infection 2607, 5572 inoculation 6458	pathogenicity 4791	Woody plants, viruses, spread 359
inoculum 7483	testing 4791	Wound tumor phytoreovirus, nucleotide
life cycle 1940	Wheat dwarf geminivirus	sequences 7371
Pakistan 1290	cereals 1936	Xanthium
pathogenicity 5573	maize 4056	Colletotrichum orbiculare
resistance 7484	nucleotide sequences 2537	New South Wales 653
screening 6458, 7486	Wheat spindle streak mosaic virus	pathogenicity 653
seed treatment 1958	rye 4845	Phomopsis
seeds 1290	soil 3997, 4794	New South Wales 653
sporidia 1940	wheat 3997, 4794	pathogenicity 653
Uttar Pradesh 7487	Wheat streak mosaic virus	Xanthium spinosum
varietal reactions 7480, 7485	barley 5524	Colletotrichum orbiculare
Tilletia laevis	maize 3978, 5524, 7550	biological control 652, 1645, 2427
Azerbaidzhan SSR 7479	nucleotide sequences 3936	environmental factors 2427
breeding 7479	oats 5524	pathogenicity 652
control 4011	taxonomy 3936	Xanthium strumarium, Oidium, phyl-
genetics 4809	wheat 2589, 3242, 3978, 5524, 5535,	loplane fungi 1933
Himachal Pradesh 7482	6440	Xanthomonas, taxonomy 1699, 3111, 5269

962, 3525, 4346, 4348	aeindicae, mangoes 6677, 7833-7834	nepovirus, apples 4220
(anthomonas campestris	Xanthomonas campestris pv. manihotis,	Xylaria
Alnus subcordata 1525	biochemistry 2424	Acer saccharum 2258
antagonism, plant pathogens 7030	Xanthomonas campestris pv. oryzae	antagonism, Crinipellis perniciosa 2567
Brassica 1582 cabbages 6004-6005	biochemistry 1695 genetic transformation 5268	Xylaria carpophila, pears 7239 Xylella fastidiosa
Caesalpinia violacea 1524	Leersia hexandra 3069	citrus 2679, 4143
cauliflowers 8155	molecular genetics 7032	grapes 3475, 5820
chemotaxis 1698	rice 340-341, 813, 824-826, 1361,	oranges 346
Cicer arietinum 2389	1370-1371, 2029-2031, 2655,	peaches 7794
citrus 832, 5681-5682	3069, 3310, 4084, 4092, 4111-	plums 1416
identification 25	4120, 4868-4869, 5661-5662,	Quercus palustris 8073
laboratory tests, plant extracts 3749	6279, 6529-6532, 7586, 7588,	Quercus rubra 8073
polysaccharides 7029	7632-7646	trees 2924 Yams
Spondias dulcis 2821	virulence 1695  Xanthomonas campestris pv. oryzicola, rice	Aspergillus niger, amino acids 8324
taxonomy 3111 tea 7974	4896, 6528, 7632	Botryodiplodia theobromae
turnips 2335	Xanthomonas campestris pv. pelargonii	amino acids 8324
virulence 1698	detection 23	phytoalexins 8323
Xanthosoma sagittifolium 8325	monoclonal antibodies 23	Chlamydomyces palmarum
Canthomonas campestris pv. alfalfae,	Pelargonium 2102, 4922	Nigeria 4614
lucerne 419	Xanthomonas campestris pv. phaseoli	symptoms 4614
(anthomonas campestris pv. begoniae	Lablab purpureus 6913	Glomerella cingulata, control 8322
Begonia 1382	laboratory tests, tsibulins 57	Yemen Arab Republic, crops, viruses 3225
detection 23	Phaseolus vulgaris 1048, 1600, 3007,	Yemen Democratic Republic, potatoes, Gib- berella acuminata 3517
monoclonal antibodies 23	3232, 3628, 6867-6868, 6948,	Yugoslavia
(anthomonas campestris pv. betlicola	8195 soyabeans 1066	Asclepias syriaca, cucumber mosaic
Piper betle 1436, 5829-5830, 7862-7865	weeds 6948	cucumovirus 8327
Piper nigrum 7866	Xanthomonas campestris pv. populi, Popu-	barley, barley yellow dwarf luteovirus
Kanthomonas campestris pv. campestris	lus 8048	5522
Arabidopsis thaliana 6949	Xanthomonas campestris pv. pruni	Brassica, turnip yellow mosaic
biochemistry 7028	almonds 2796	tymovirus 5137 buckwheat, diseases 4080
broccoli 2330	peaches 7796-7797	Camellia, camellia leaf yellow mottle
cabbages 2330, 8154	plums 908	virus 378
Cruciferae 6006	Prunus laurocerasus 7721	Capsicum, diseases 3038
molecular genetics 1697, 6212, 7028	Xanthomonas campestris pv. ricini, elec-	cereals
nucleotide sequences 24	tron microscopy 1130	Fusarium 2584
soil 2518 turnips 6007	Xanthomonas campestris pv. sesami, ses- ame 2849	Gibberella 2584
Kanthomonas campestris pv. carotae, car-	Xanthomonas campestris pv. tetragonoloba,	grapes
rots 2986, 8157	Cyamopsis tetragonoloba 8286	Alternaria 3476
Kanthomonas campestris pv. cerealis, cere-	Xanthomonas campestris pv. translucens	Botrytis cinerea 3476 Cladosporium 3476
als 4791	barley 788	maize sportum 5470
Kanthomonas campestris pv. citri	cereals 4791	diseases 2642
Aspergillus, antagonism 7672-7673	ice nucleation 22	Trichoderma longibrachiatum 4071
Aspergillus clavatus, antagonism 7674	nucleotide sequences 22	Picea abies
Aspergillus flavus, antagonism 7674	Wheat 2589	air pollution 2303
Aspergillus niger, antagonism 7674 citrumelos 6539	Xanthomonas campestris pv. undulosa, cereals 4791	mycorrhizas 4694
citrus 347, 719, 2678, 4142, 7084,	Xanthomonas campestris pv. vasculorum,	soil
7671-7672, 7674	sugarcane 7968	copper fungicides 1152 fungi 3869
grapefruits 6539	Xanthomonas campestris pv. vesicatoria	wheat, barley yellow dwarf luteovirus
mutants 3733	Capsicum 2414, 3048, 3232, 3970,	5522
plasmids 3733	4599, 6123-6125, 6210-6211	Zaghouania phillyreae, Osmanthus auran-
Xanthomonas campestris pv. citrumelo	molecular genetics 663	tiacus var. thunbergii 2101
citrumelos 6539	streptomycin 663	Zaire, cassava, African cassava mosaic
citrus 347, 831, 2678	tomatoes 510-511, 2910, 2913, 3232, 3970, 5058, 5928-5929, 5932,	geminivirus 4609
grapefruits 6539  Xanthomonas campestris pv. cucurbitae	6210-6211, 6777, 6780, 6782-	Zambia cowpeas, diseases 3021
bacteriophages 2463	6783, 8028	groundnuts
cucumbers 8176	Xanthomonas campestris pv. vignaer-	diseases 8217
Xanthomonas campestris pv. cyamopsidis,	adiatae, Vigna radiata 8287	viruses 6886
Cyamopsis tetragonoloba 5193	Xanthomonas campestris pv. vignicola	pigeon peas, diseases 8253
Xanthomonas campestris pv.	cowpeas 3024, 3653, 6899, 8250	sorghum
dieffenbachiae	plasmids 7031  Xanthomonas campestris pv. vitians, tur-	Claviceps sorghi 3296
Anthurium 2065-2067, 2070-2072, 2074-2085	nips 2335	Tolyposporium ehrenbergii 1358 Zantedeschia, fungi, nomenclature 5410
Anthurium andreanum 2068-2069	Xanthomonas campestris pv. viticola,	Zantedeschia aethiopica, Erwinia
Xanthomonas campestris pv. fici, Ficus	grapes 5821	carotovora subsp. carotovora, Puerto
5709	Xanthomonas campestris pv. zeae, maize	Rico 1930
Xanthomonas campestris pv. glycines,	1352	Zantedeschia elliottiana, Pythium myri-
soyabeans 616, 4550, 5179, 5181	Xanthomonas citri	otylum, New Zealand 207
Xanthomonas campestris pv. hederae	citrus 831	Zanthoxylum avicennae, plant extracts,
Hedera helix 6947	taxonomy 5269	antifungal agents 3750
Schefflera actinophylla 4924  Yarthomoras campastris py halcicala	Xanthomonas oryzae, rice 3309 Xanthomonas populi subsp. populi, Popu-	Zanthoxylum bungeanum, diseases, China
Xanthomonas campestris pv. holcicola bacteriophages 2463	lus trichocarpa 5081	Zanthoxylum dipetalum
sorghum 1359	Xanthosoma sagittifolium	Puccinia rugispora
Xanthomonas campestris pv. incanae,	diseases	Hawaii 7272
Matthiola incana 1388	Pacific Islands 6940	taxonomy 7272
Xanthomonas campestris pv. malvacearum	tissue culture 6940	Zea mays (see Maize)
bacteriophages 5270	Erwinia carotovora subsp. carotovora,	Zignoella fallax
cotton 352, 841-842, 1381, 3320, 4907-	Puerto Rico 1930	taxonomy 1217
4908, 5695-5696, 6563, 7690-7692	Xanthomonas campestris, Tanzania 8325	West Bengal 1217 Zimbabwe
enzymes 6213 laboratory tests, antibiotics 7027	Xerocomus badius	cotton
polysaccharides 2462	fallout 5316	Alternaria alternata 7688
virulence 2462	Germany 5316	Alternaria macrospora 7688

imbabwe cont.
cotton cont.
Verticillium dahliae 7682
Eucalyptus grandis, cankers 6791 maize, Stenocarpella macrospora 2002
Pennisetum americanum
Beniowskia sphaeroidea 3299
Bipolaris urochloae 812
sorghum
Claviceps africana 7574
Claviceps sorghi 3296
Tolyposporium ehrenbergii 1358
Tetradenia, Pseudocercosporella
tetradeniae 7279 wheat, Puccinia recondita 1955
inc
activity
Cochliobolus sativus, barley 2633
Leptosphaeria maculans, Brassica
napus 574
deficiency, mangoes 1425 toxicity, Camellia 7707
toxicity, Camellia 7/07
inc diethyldithiocarbamate, control, fruit
trees, diseases 3371 ineb
activity
Phytophthora colocasiae 5290
Pythium ultimum 4955
Rhizoctonia solani 5061
control
Alternaria brassicae, Cruciferae
5988
Alternaria padwickii, rice 7630
Alternaria solani, tomatoes 508 Botrytis elliptica, Lilium 6568
Fusarium oxysporum f.sp. dianthi,
carnations 3327
Mycosphaerella berkeleyi, ground-
nuts 38
Phytophthora infestans, potatoes
2867
Phytophthora nicotianae var.
parasitica, guavas 7830
Xanthomonas campestris pv. vesi- catoria 6125
determination 4675
fungicide residues
cabbages 576
maize 5615
soil 576
tomatoes 8005
seed treatment, Panax notoginseng
5005 titration 6243
ingiber officinalis (see Ginger)
innia, Cercospora zinniae, control 869
iram
activity
Fusarium oxysporum f.sp. nico-
tianae 4361
Phytophthora colocasiae 5290
Pythium aphanidermatum 1148
control  Colletotrichum capsici, Piper betle
2168, 5828
Glomerella cingulata, Coriandrum
sativum 2165
Peronosclerospora sorghi, sorghum
Peronosclerospora sorghi, sorghum 327
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphrina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphrina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphrina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628 izania caduciflora Ustilago esculenta
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphrina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628 izania caduciflora Ustilago esculenta Taiwan 1866
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphrina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628 izania caduciflora Ustilago esculenta Taiwan 1866 taxonomy 1866
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphrina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628 izania caduciflora Ustilago esculenta Taiwan 1866 taxonomy 1866 iziphus mauritiana
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphnina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628 izania caduciflora Ustilago esculenta Taiwan 1866 taxonomy 1866 iziphus mauritiana Isariopsis indica var. zizyphi
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphrina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628 izania caduciffora Ustilago esculenta Taiwan 1866 taxonomy 1866 iziphus mauritiana Isariopsis indica var. zizyphi control 2820, 5805
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphrina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628 izania caduciflora Ustilago esculenta Taiwan 1866 taxonomy 1866 iziphus mauritiana Isariopsis indica var. zizyphi control 2820, 5805 India 2820
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphrina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628 izania caduciffora Ustilago esculenta Taiwan 1866 taxonomy 1866 iziphus mauritiana Isariopsis indica var. zizyphi control 2820, 5805
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphrina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628 iizania caduciflora Ustilago esculenta Taiwan 1866 taxonomy 1866 iiziphus mauritiana Isariopsis indica var. zizyphi control 2820, 5805 India 2820 Microsphaera alphitoides f.sp. ziziphi India 1427 Indian Punjab 4281
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphrina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628 izania caduciflora Ustilago esculenta Taiwan 1866 taxonomy 1866 iziphus mauritiana Isariopsis indica var. zizyphi control 2820, 5805 India 2820 Microsphaera alphitoides f.sp. ziziphi India 1427 Indian Punjab 4281 overwintering 1427
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphrina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628 izania caduciflora Ustilago esculenta Taiwan 1866 taxonomy 1866 iziphus mauritiana Isariopsis indica var. zizyphi control 2820, 5805 India 2820 Microsphaera alphitoides f.sp. ziziphi India 1427 Indian Punjab 4281 overwintering 1427 survival 4281
Peronosclerospora sorghi, sorghum 327 Phytophthora palmivora, Piper betle 2168 Stemphylium vesicarium, onions 6924 Taphrina deformans, peaches 5770 detection 2530 seed treatment, sorghum 327, 5628 izania caduciflora Ustilago esculenta Taiwan 1866 taxonomy 1866 iziphus mauritiana Isariopsis indica var. zizyphi control 2820, 5805 India 2820 Microsphaera alphitoides f.sp. ziziphi India 1427 Indian Punjab 4281 overwintering 1427

```
Ziziphus sativa
mycoplasma-like organisms
isolation 446
serology 446
Phacospora zizyphus-vulgaris, control
448
witches' brooms
control 6683
Korea Republic 6683
mycoplasma-like organisms 6683
vectors 6683
Zopfia rhizophila, taxonomy, India 1849
Zostera marina, Labyrinthula zosterae,
taxonomy 8332
Zoysia matrella, Pythium graminicola,
Japan 7251
Zucchini yellow mosaic potyvirus
cucumbers 6839
Cucurbitaceae 2988, 4510, 5145, 6842
immunodiagnosis 3921
marrows 2989
melons 1889, 2339
nucleotide sequences 3940-3941
pumpkins 1038
squashes 6839
Zygophiala jamaicensis (see
Schizothyrium pomi)
Zygorrhynchus moelleri
cucumbers 4786
ornamental plants 4786
tomatoes 4786
```

## LIST OF SERIALS ABSTRACTED

Listed below are the titles of the serial publications (excluding most annual reports and conference proceedings) abstracted during 1991 for this journal. All the titles are given in full, except abbreviated titles taken from

secondary publications such as Referativnyi Zhurnal.

Many other serials were scanned during 1991 but no relevant articles were selected. A full list of all the serials scanned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's abstract journals is given in the CAB International Serials Checklist, 1988 edition. The publication includes ISSNs and publishers' addresses.

Abhandlungen und Berichte des Naturkundemuseums Görlitz

ACIAR Proceedings Series

ACIAR Working Paper ACS Symposium Series Acta Agraria et Silvestria, Silvestris Acta Agriculturæ Scandinavica Acta Agriculturae Nucleatae Sinica

Acta Agriculturae Shanghai

Acta Agriculturae Universitatis Pekinensis

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Acta Agrobotanica
Acta Agronomica Hungarica
Acta Agronomica Sinica
Acta Biochimica et Biophysica Sinica
Acta Biochimica et Biophysica Sinica

Acta Biotechnologica Acta Botanica Indica Acta Botanica Neerlandica Acta Botanica Sinica Acta Forestalia Fennica

Acta Genetica Sinica

Acta Histochemica, Supplementband

Acta Horticulturae Acta Microbiologica Sinica Acta Mycologica Sinica Acta Oecologica Acta Pedologica Sinica

Acta Physiologiae Plantarum

Acta Phytopathologica et Entomologica Hungarica

Acta Phytopathologica Sinica Acta Phytophylacica Sinica Acta Phytophysiologica Sinica

Acta Scientiarum Naturalium Universitatis Intramongolicae Acta Scientiarum Naturalium Universitatis Normalis Hunanensis

Acta Sericologica Sinica Acta Virologica

Actes et Communications - Économie et Sociologie Rurales, Institut

National de la Recherche Agronomique

Advances in Agronomy Advances in Disease Vector Research

Advances in Economic Botany Advances in Horticultural Science Advances in Plant Sciences Advances in Virus Research

Aerobiologia

African Journal of Agricultural Sciences Agricultura Técnica (Santiago) Agricultural and Biological Chemistry Agricultural and Forest Meteorology Agricultural Research Journal of Kerala

Agricultural Research Review

Agricultural Resources Situation and Outlook Report

Agricultural Reviews (Karnal) Agricultural Science

Agricultural Science Digest (Karnal) Agriculture and Horticulture Agriculture, Ecosystems & Environment

Agro-environmental Protection

Agrochémia Agrokhimiya Agronomie

Agronomy and Soils Departmental Series - Alabama Agricultural Experiment Station

Agronomy Journal
Alexandria Journal of Agricultural Research

Allgemeine Forst- und Jagdzeitung

American Bee Journal American Fruit Grower

American Journal of Botany

American Journal of Enology and Viticulture American Naturalist American Nurseryman American Potato Journal

Amtliche Pflanzenschutzbestimmungen

Anais da Escola Superior de Agricultura 'Luiz de Queiroz' Analele Institutului de Cercetări pentru Cereale și Plante Tehnice,

Fundulea

Analytica Chimica Acta

Analytical Chemistry (Washington)

Analytical Letters Angewandte Botanik

Annales Agriculturae Fenniae Annales de l'Institut Phytopathologique Benaki Annali della Facoltà di Scienze Agrarie della Università degli Studi di Napoli, Portici

Annali della Facoltà di Scienze Agrarie della Università degli Studi di Torino

Annali di Microbiologia ed Enzimologia Annals of Agricultural Research Annals of Agricultural Science (Cairo)
Annals of Applied Biology
Annals of Arid Zone
Annals of Biology (Ludhiana)

Annals of Botany

Annals of Entomology
Annals of the Phytopathological Society of Japan
Annals of Warsaw Agricultural University SGGW-AR, Forestry and

Wood Technology
Annals of Warsaw Agricultural University SGGW-AR, Forestly and
Wood Technology
Annals of Warsaw Agricultural University SGGW-AR, Horticulture
Annual Report - National Institute of Genetics, Japan
Annual Report - Prairie Farm Rehabilitation Administration Annual Report of the Society of Plant Protection of North Japan Annual Review of Genetics

Annual Review of Plant Physiology and Plant Molecular Biology Antimicrobial Agents and Chemotherapy

Antiviral Research

Antiviral Research
Antonic van Leeuwenhoek
Anzeiger für Schädlingskunde, Pflanzenschutz, Umweltschutz
Applied Agricultural Research
Applied and Environmental Microbiology
Applied Microbiology and Biotechnology
Arab Gulf Journal of Scientific Research
Arab Journal of Plant Protection
Arboricultural Journal
Arboricultural Research Note - Department of the Environment
Archiv für Gartenbau

Archives of Pharmacological Percarch

Archives of Microbiology
Archives of Pharmacological Research
Archives of Virology
Arid Soil Research and Rehabilitation
Arquivos do Instituto Biológico, São Paulo

Arquivos do Instituto Biológico, Sao Paulo
ASEAN Food Journal
Asparagus Research Newsletter
Aspects of Applied Biológy
Assiut Journal of Agricultural Sciences
ATAC, Revista de la Asociación de Técnicos Azucareros de Cuba
Atmospheric Environment. Part A, General Topics

Australian Australian Earl A, General Topics Australian & New Zealand Wine Industry Journal Australian Citrus News Australian Forest Research Australian Forestry

Australian Journal of Agricultural Research Australian Journal of Biotechnology Australian Journal of Botany

Australian Journal of Experimental Agriculture Australian Journal of Plant Physiology Australian Plant Pathology

Australian Fight Fathology Australian Systematic Botany B"lgarski Tyutyun Bacterial Wilt Newsletter Bamboo Research

Bangladesh Horticulture

Bulletin of the Aichi-ken Agricultural Research Center
Bulletin of the Aomori Apple Experiment Station
Bulletin of the Chiba Prefectural Agricultural Experiment Station
Bulletin of the Chiba-ken Agricultural Experiment Station
Bulletin of the Faculty of Agriculture, Niigata University
Bulletin of the Faculty of Agriculture, Saga University
Bulletin of the Faculty of Agriculture, Tottori University
Bulletin of the Faculty of Agriculture, Tottori University
Bulletin of the Faculty of Agriculture, Station C. (Morioka) Language Bangladesh Journal of Agricultural Research Bangladesh Journal of Botany Bano Biggyan Patrika Barley Genetics Newsletter BASF Agricultural News Bayerisches Landwirtschaftliches Jahrbuch Beiträge für die Forstwirtschaft Beiträge zur Tropischen Landwirtschaft und Veterinärmedizin Berichte des Öhara Instituts für Landwirtschaftliche Biologie, Oka-Bulletin of the Fruit Tree Research Station, C (Morioka), Japan yama Universität Besseres Obst Bulletin of the Fukui Agricultural Experiment Station Better Crops with Plant Food Bharatiya Sugar Bulletin of the Hiroshima Prefectural Agricultural Experiment Bibliographie der Pflanzenschutzliteratur Bulletin of the Kyushu National Agricultural Experiment Station Bulletin of the National Agriculture Research Center, Japan Bulletin of the National Research Institute of Vegetables, Ornamen-Bibliographies and Literature of Agriculture Bio/Technology Bio/Technology
Biochemical and Biophysical Research Communications
Biochemical Journal
Biochemical Systematics and Ecology
Biochemical Systematics and Ecology
Biochemic und Physiologie der Pflanzen
Biochemistry (New York)
Biochemistry (Washington)
Biochimica et Biophysica Acta, Bioenergetics
Biochimica et Biophysica Acta, Biomembranes
Biochimica et Biophysica Acta, General Subjects
Riochimica et Biophysica Acta, Protein Structure and M tal Plants and Tea, B Bulletin of the Tobacco Research Institute, Taiwan Tobacco & Wine. Monopoly Bureau

Bulletin of the Tohoku National Agricultural Experiment Station

Bulletin of the Tohoku National Agricultural Experiment Station

Bulletin of the Tokyo University Forests

Bulletin of the Torrey Botanical Club

Bulletin of the University of Osaka Prefecture. Series B, Agriculture and Biology
Bulletin Perkaretan
Bulletin SROP
Cahiers ORSTOM, Série Pédologie Biochimica et Biophysica Acta, Protein Structure and Molecular Enzymology Biochimie Caldasia Biocontrol Science and Technology California Agriculture California Avocado Society Yearbook California Turfgrass Culture BioEssays Biofutur Biológia (Bratislava) Camellia Journal Biologia Plantarum Canadian Entomologist Biologia, Pakistan Canadian Journal of Botany Canadian Journal of Chemistry Canadian Journal of Forest Research Biological Agriculture & Horticulture Biological Journal of the Linnean Society Biological Journal of the Linnean Society
Biological Research in Norwich
Biological Reviews of the Cambridge Philosophical Society
Biologicheskit Zhurnal Armenii
Biologisches Zentralblatt
Biology and Fertility of Soils
Biology Bulletin of the Academy of Sciences of the USSR
Biology of Metals
Biology of the Cell
Biološki Vestnik
Biometrics Canadian Journal of Microbiology Canadian Journal of Plant Pathology Canadian Journal of Plant Patholo, Canadian Journal of Plant Science Canadian Plant Disease Survey Caoutchoucs et Plastiques Capsicum Newsletter Carbohydrate Research Caryologia Cell (Cambridge)
Cell Biology International Reports Biometrics Biopolymers Cell Motility and the Cytoskeleton Centro Agrícola Cereal Chemistry Biotechnic & Histochemistry BioTechniques Cereal Research Communications Cereal Rusts and Powdery Mildews Bulletin Biovigyanam Biuletyn Instytutu Hodowli i Aklimatyzacji Roślin Biuletyn Instytutu Ziemniaka Biuletyn Warzywniczy Bois et Forêts des Tropiques Boletim da Sociedade Broteriana Champignon Chemical and Pharmaceutical Bulletin Chemistry and Industry (London) Chemistry Letters Boletim Técnico - Empresa Catarinense de Pesquisa Agropecuária, Chemistry of Natural Compounds Florianópolis Boletín de la Sociedad Botánica de México Boletín de Promecafé Chemosphere China Citrus China Cottons Boletín Genético (Castelar) Boletín Micológico China Fruits Chinese Journal of Biological Control Boletus Chinese Journal of Environmental Science Chinese Journal of Rice Science Chinese Journal of Virology Bosque Botanica Acta Botanica Helvetica Ciencia del Suelo Botanical Magazine, Tokyo Ciencia e Investigación Agraria Ciencia y Técnica en la Agricultura, Tabaco Ciencia y Técnica en la Agricultura, Viandas Tropicales Botanical Review Botanicheskii Zhurnal Circular - Instituto Agronômico do Paraná Bragantia British Journal of Industrial Medicine Citrograph Cocoa Growers' Bulletin
Coletânea do Instituto de Tecnologia de Alimentos
Comments on Agricultural and Food Chemistry
Committee Paper - Sugar Beet Research and Education Committee
Commonwealth Forestry Review
Communications in Soil Science and Plant Analysis
Comparative Physiology and Ecology
Compte Rendu des Essais - Union Nationale Interprofessionelle des British Sugar Beet Review Buletin Penelitian Hortikultura Buletin Penelitian Hutan Bulletin - Agricultural and Forestry Experiment Station, West Vir-Bulletin - Agricultural Experiment Station, University of Illinois at Urbana-Champaign Bulletin - Agricultural Experiment Stations, University of Florida Bulletin - Louisiana Agricultural Experiment Station Bulletin - United Planters' Association of Southern India Légumes Transformés Comptes Rendus de l'Académie Bulgare des Sciences Comptes Rendus de l'Académie d'Agriculture de France Bulletin CETIOM Comptes Rendus de l'Académie des Sciences. Series 3, Sciences de Bulletin d'Information - CORESTA Bulletin des Séances, Académie Royale des Sciences d'Outre-Mer Bulletin OEPP la Vie Contact Dermatitis Bulletin of Botanical Research Bulletin of Environmental Contamination and Toxicology Cooperative Sugar Bulletin of Faculty of Agriculture, University of Cairo
Bulletin of Hokkaido Prefectural Agricultural Experiment Stations Coton et Fibres Tropicales Critical Reviews in Biotechnology Bulletin of Taichung District Agricultural Improvement Station Critical Reviews in Plant Sciences Bulletin of the Agricultural Research Institute of Kanagawa Crop Genetic Resources Crop Protection Prefecture

Serial Publications Cited Crop Research (Hisar) Crop Science Crops State of the Art and Abstract Bibliography Series Cruciferae Newsletter Cryptogamie, Mycologie CSIRO Food Research Quarterly Cultivos Tropicales Current Genetics Current Microbiology Current Nematology Current Research - University of Agricultural Sciences (Bangalore) Current Science Current Topics in Plant Biochemistry and Physiology Cytobios Cytologia Deciduous Fruit Grower Dendronatura Deutscher Gartenbau Difesa delle Piante Discovery and Innovation Dissertation Abstracts International. B, Sciences and Engineering DLG-Mitteilungen
Documentos - Centro Nacional de Pesquisa de Coco
Documentos - Centro Nacional de Pesquisa de Soja, EMBRAPA Doga, Tarım ve Ormancılık
Doga, Türk Tarım ve Ormancılık Dergisi
Doklady Akademii Nauk BSSR
Doklady Akademii Nauk Uzbekskoi SSR
Doklady Vsesoyuznoi Akademii Sel'skokhozyaistvennykh Nauk
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Extension Bulletin - ASPAC, Food & Fertilizer Technology Center
Extension Bulletin - Cooperative Extension, College of Agriculture
& Home Economics, Washington State University ABIS Newsletter AO Plant Production and Protection Paper AO Plant Protection Bulletin arm Chemicals International arm Science Journal arming in South Africa EBS Letters eldwirtschaft EMS Microbiology Letters ern Gazette itopatología itopatología Colombiana itoterapia iziologiya i Biokhimiya Kul'turnykh Rastenii lora (Jena)

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Forest Research Forest Science Forest Science and Technology Forestry Chronicle Forêt Méditerranéenne Forst und Holz Forstarchiv Forstliche Forschungsberichte München Forstwissenschaftliches Centralblatt Fortschrittsberichte für die Landwirtschaft und Nahrungsgüterwirtschaft Fremontia Fresenius' Zeitschrift für Analytische Chemie FRI Bulletin FRIC Occasional Paper Fruit Science Reports Fruit Varieties Journal Fruits (Paris) Fruitteelt Fukushima-ken Nogyo Shikenjo Kenkyu Hokoku = Bulletin of the Fukushima Prefecture Agricultural Experiment Station Fungi Canadenses Gamma Field Symposia Gartenamt Gartenbau Gartneryrket Gb + Gw Gemüse (München) Gene General Technical Report - Intermountain Research Station, USDA Forest Service General Technical Report - North Central Forest Experiment Station, USDA Forest Service
General Technical Report - Northeastern Forest Experiment Station, General Technical Report - Rocky Mountain Forest and Range
Experiment Station, USDA Forest Service Genetic Engineer and Biotechnologist Genetic Manipulation in Plants Genetica Polonica Genetics Genetika (Moskva) Genetika i Selektsiya Genome Geobios (Jodhpur) Geobios New Reports Geophytology Gesunde Pflanzen Gewasbescherming Grøn Viden, Landbrug Grana Grass and Forage Science Groenten en Fruit Grüne Gula Indonesia Guoli Taiwan Daxue Nongxue Yuan Yanjiu Baogao Hangug Gynnhaghoi Ji = Korean Journal of Mycology Haryana Agricultural University Journal of Research Haryana Journal of Horticultural Sciences Hassadeh Helia Herba Hungarica Hereditas (Landskrona) Hindustan Antibiotics Bulletin Hodowla Roślin, Aklimatyzacja i Nasiennictwo Holzforschung Horticultura Brasileira Horticulture Française HortScience IAR Newsletter of Agricultural Research IAWA Bulletin IBPGR Newsletter for Asia and the Pacific ICRISAT Information Bulletin IMPACT AgBioBusiness Indian Agriculturist Indian Botanical Reporter Indian Cocoa, Arecanut and Spices Journal Indian Coconut Journal (Cochin) Indian Farming Indian Forester Indian Horticulture Indian Journal of Agricultural Research Indian Journal of Agricultural Sciences Indian Journal of Applied and Pure Biology Indian Journal of Botany Indian Journal of Experimental Biology Indian Journal of Forestry Indian Journal of Genetics & Plant Breeding Indian Journal of Horticulture

Indian Journal of Mycological Research Journal of Biological Control Indian Journal of Mycology and Plant Pathology Indian Journal of Natural Rubber Research Indian Journal of Nematology Journal of Biomathematics Journal of Chemical Ecology Journal of Chinese Medicinal Materials Indian Journal of Nematology
Indian Journal of Pharmaceutical Sciences
Indian Journal of Plant Pathology
Indian Journal of Plant Physiology
Indian Journal of Plant Protection Journal of Chromatographic Science Journal of Chromatography Journal of Chromatography, Biomedical Applications Journal of Coffee Research Indian Journal of Plant Protection Indian Journal of Pulses Research Indian Perfumer Indian Phytopathology Indian Sugar Journal of Contemporary Asia Journal of Ecology (Oxford) Journal of Economic Entomology Journal of Electron Microscopy Journal of Electron Microscopy
Journal of Entomological Research
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Journal of Environmental Horticulture
Journal of Environmental Management
Journal of Environmental Science and Health. Part A, Environmental Science and Engineering
Journal of Environmental Science and Health. Part B, Pesticides,
Food Contaminants, and Agricultural Wastes
Journal of Experimental Botany Indian Sugar
Indonesian Journal of Crop Science
Industria Saccarifera Italiana
Industrial Crops Research Journal
Industries des Céréales
Information Report - Northwest Region, Forestry Canada
Information Report - Pacific and Yukon Region, Forestry Canada
Information Report DPC-X (Ottawa) Informatore Agrario Informatore Fitopatologico Journal of Experimental Botany Journal of Food Processing and Preservation Journal of Food Science Informe da Pesquisa - Instituto Agronómico do Paraná Informe Técnico - Estación Experimental Agropecuaria Pergamino Journal of Food Science and Technology (Mysore)
Journal of Fruit Science Infos (Paris) Inligtingsbulletin - Navorsingsinstituut vir Sitrus en Subtropiese Vrugte
Insect Science and its Application
International Arachis Newsletter
International Chickpea Newsletter Journal of Fujian Agricultural College Journal of General Microbiology Journal of General Virology Journal of Genetics International Chickpea Newsletter
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Journal of Nematology
Journal of Northeast Forestry University
Journal of Oilseeds Research
Journal of Organic Chemistry
Journal of Palynology
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Journal of Protein Chemistry Japanese Journal of Soil Science and Plant Nutrition JARQ, Japan Agricultural Research Quarterly Journal of Protein Chemistry
Journal of Research APAU
Journal of Research, Birsa Agricultural University
Journal of Research, Punjab Agricultural University
Journal of Root Crops
Journal of Seed Technology
Journal of Shenyang Agricultural University
Journal of South China Agricultural University
Journal of Stored Products Research
Lournal of Structural Biology Jena Review Jena Review
Jiangsu Journal of Agricultural Sciences
JIAS, Journal of the Iowa Academy of Science
Journal - American Society of Sugar Cane Technologists
Journal - Association of Official Analytical Chemists
Journal - Water Pollution Control Federation
Journal International des Sciences Vigne et du Vin
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Journal of Agricultural Entomology
Journal of Agricultural Research of China
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Journal of the Assam Science Society Journal of Agriculture and Forestry Journal of Agriculture and Forestry
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Journal of Agriculture, Western Australia
Journal of Agronomy and Crop Science
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Journal of Analytical Toxicology
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Journal of Applied Ecology
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Journal of Bacteriology Journal of the Assam Science Society
Journal of the Australian Entomological Society
Journal of the Faculty of Agriculture, Hokkaido University
Journal of the Faculty of Agriculture, Kyushu University
Journal of the Indian Society for Cotton Improvement
Journal of the Institute of Agriculture and Animal Science, Nepal
Journal of the Japanese Forestry Society
Journal of the Japanese Society for Horticultural Science
Journal of the Korean Society for Horticultural Science
Journal of the Korean Society of Tobacco Science
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Journal of the Rubber Research Institute of Sri Lanka
Journal of the Science of Food and Agriculture
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Journal of the Sports Turf Research Institute Journal of Bacteriology
Journal of Basic Microbiology
Journal of Beijing Forestry University Journal of Biochemistry

Journal of Biological Chemistry

Serial Publications Cited Journal of the Tennessee Academy of Science Journal of the University of Kuwait, Science Journal of the Yamagata Agriculture and Forestry Society Journal of Toxicology, Toxin Reviews Journal of Tropical Forest Science Journal of Tropical Forest Science Journal of Tropical Forestry Journal of Turkish Phytopathology Journal of Virology Journal of Virology Journal of Yhology Journal of Zhejiang Forestry Science and Technology Jute Development Journal Karnataka Journal of Agricultural Sciences Kartofel' i Ovoshchi Kartoffelbau Kartoplyarstvo Kasetsart Journal, Natural Sciences Kenya Coffee Khimiko-Farmatsevticheskii Zhurnal Khlopok Khon Kaen Agriculture Journal Klinkii Korean Biochemical Journal Korean Journal of Applied Microbiology and Biotechnology Korean Journal of Crop Science Korean Journal of Ginseng Science KTBL-Arbeitspapier Kukuruza i Sorgo Kulturpflanze Laboratory News (Crawley) Lal-Baugh Land and Water Research News Las Polski Legume Research Lesnictví Lesovedenie i Lesove Khozyalstvo Lesovedenie i Agrolesomelioratsiya Letters in Applied Microbiology Lotus Newsletter Louisiana Agriculture Madras Agricultural Journal Maize Genetics Cooperation News Letter Management Bulletin - Southern Region, USDA Forest Service Manejo Integrado de Plagas MAPPS Newsletter Material und Organismen Maydica Meddelelser om Grønland, Bioscience Mededeling - Instituut voor Rationele Suikerproductie Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent Memoirs of the College of Agriculture, Ehime University Memoirs of the College of Agriculture, National Taiwan University Memoirs of the New York Botanical Garden Menara Perkebunan Metsäntutkimuslaitoksen Tiedonantoja Micologia e Vegetazione Mediterranea Micologia Italiana Microbial Ecology Microbiologia SEM Microbiologica Microbiologica
Microbiologie, Aliments, Nutrition
Microbiology (New York)
Microbios Letters
Mikologiai Közlemények
Mikologiya i Fitopatologiya
Mikrobiologicheskii Zhurnal Mikrobiologicheskit Zhurnal Mikrobiologija (Beograd) Minnesota State Florists Bulletin AllRCEN Journal of Applied Microbiology and Biotechnology Aiscellaneous Report - Cyprus Agricultural Research Institute Aiscellaneous Report - Great Lakes Forest Research Centre, Forestry Canada Aiscellaneous Report - Ontario Region, Great Lakes Forestry Centre, Forestry Canada Aitteilungen aus dem Institut für Allgemeine Botanik Hamburg Aitteilungen aus der Biologischen Bundesanstalt für Land- und Forstwirtschaft Berlin-Dahlem Aitteilungen der Bundesforschungsanstalt für Forst- und Holzwirt-Atteilungen der Bundestorschangsanstatt für Folst- und Holzwitschaft, Reinbek bei Hamburg
fitteilungen der Gesellschaft für Pflanzenbauwissenschaften
fitteilungen der Versuchsanstalt für Pilzanbau der Landwirtschaftskammer Rheinland Krefeld-Grosshüttenhof

1itteilungen Klosterneuburg, Rebe und Wein, Obstbau und

Früchteverwertung Iolecular and General Genetics

Iolecular Biology (New York)
Iolecular Microbiology
Iolecular Plant-Microbe Interactions

Monograph - British Crop Protection Council Monograph - British Society for Plant Growth Regulation Monti e Boschi Moscow University Biological Sciences Bulletin Moscow University Soil Science Bulletin Muelleria Mutation Breeding Newsletter Mycologia Mycological Research Mycologist Mycopathologia Mycosystema Mycotaxon Mycotoxin Research Mysore Journal of Agricultural Sciences
Nachrichtenblatt des Deutschen Pflanzenschutzdienstes
Nachrichtenblatt für den Pflanzenschutz in der DDR Nachrichtenblatt Pflanzenschutz Narendra Deva Journal of Agricultural Research National Academy Science Letters Naturaliste Canadien Nature (London) Naturwissenschaften Naturwissenschaften
Nauchno-Tekhnicheskif Byulleten' Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta Maslichnykh Kul'tur
Nauchno-Tekhnicheskif Byulleten' Vsesoyuznogo Ordena Lenina i
Ordena Druzhby Narodov Nauchno-Issledovatel'skogo Instituta
Rastenievodstva Imeni N.I. Vavilova
Nauchno-Tekhnicheskif Ryulleten' Vsesoyuznogo Selektsionno-Gene Nauchno-Tekhnicheskii Byulleten' Vsesoyuznogo Selektsionno-Gene-ticheskogo Instituta Nauchno-Tekhnicheskii Byulleten', VASKhNIL, Sibirskoe Otdelenie Nauchnye Doklady Vysshei Shkoly, Biologicheskie Nauki Nauka za Gorata
Nematologia Mediterranea
Nematology Circular (Gainesville)
Netherlands Journal of Plant Pathology New Agriculturist
New Phytologist
New Zealand Journal of Agricultural Research
New Zealand Journal of Botany New Zealand Journal of Crop and Horticultural Science New Zealand Journal of Experimental Agriculture New Zealand Journal of Forestry Science
Newsletter - International Plant Biotechnology Network Newsletter of the Society of Irish Plant Pathologists Nogaku Kenkyu NorAgric Occasional Papers. Series C, Development and Environment Nordic Journal of Botany Nordisk Jordbrugsforskning Norsk Landbruksforsking North Carolina Flower Growers' Bulletin Northern Journal of Applied Forestry Northwest Science Norwegian Journal of Agricultural Sciences Nova Hedwigia Növénytermelés Növényvédelem Novitates Botanicae Universitatis Carolinae Nucleic Acids Research
OARDC Special Circular - Ohio Agricultural Research and Development Center Obstbau (Bonn) Occasional Paper - Forestry Commission Occasional Paper - National Horticultural Research Institute, Ibadan Oecologia Ohio Florists' Association Bulletin Oil Crops of China Oléagineux Olivæ Options Méditerranéennes. Série A, Séminaires Méditerranéens Orchid Digest Orchidee Orissa Journal of Agricultural Research Overdruk - Instituut voor Bodemvruchtbaarheid
Ovoshchevodstvo i Bakhchevodstvo
Pakistan Journal of Botany
Pakistan Journal of Forestry
Pakistan Journal of Scientific and Industrial Research Pakistan Sugar Journal Panorama Floricolo Peanut Science Pemberitaan, Penelitian Tanaman Industri, Indonesia Pennsylvania Fruit News

Monografía - Instituto Superior de Ciencias Agropecuarias de La Habana, 'Fructuoso Rodriguez Pérez' Monografía - Instituto Superior de Ciencias Agropecuarias de la

Habana, Fructuoso Rodríguez Pérez

vi Perkin Transactions I Persoonia Pesquisa em Andamento - Centro Nacional de Pesquisa de Uva e Vinho Pest Leaflet - Pacific Forest Centre, Forestry Canada Pesticide Biochemistry and Physiology Pesticide Outlook Pesticide Science Pesticides (Bombay) Pflanzenarzt Pflanzenschutz (Wien) Pflanzenschutzberichte Pflanzenschutzmittel-Verzeichnis. Teil 2, Gemüsebau - Obstbau -Zierflanzenbau Pflanzenschutzmittel-Verzeichnis. Teil 6, Anerkannte Pflanzenschutzund Vorratsschutzgeräte Pharmazie Philippine Agriculturist Philippine Journal of Science Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences Photochemistry and Photobiology Physiologia Plantarum Physiological and Molecular Plant Pathology Phytochemistry Phytoma Phytomorphology Phytoparasitica Phytopathologia Mediterranea Phytopathology Phytophylactica Phytoprotection Pilippine Journal of Crop Science PKV Research Journal Plant and Cell Physiology Plant and Soil Plant Breeding Plant Cell Plant Cell Incompatibility Newsletter Plant Cell Reports
Plant Cell, Tissue and Organ Culture Plant Disease Plant Disease Research Plant Molecular Biology Plant Molecular Biology Reporter Plant Pathology Plant Pathology Circular (Gainesville) Plant Pathology Newsletter Plant Physiology Plant Physiology & Biochemistry (New Delhi) Plant Physiology and Biochemistry (Paris)
Plant Protection Bulletin (Faridabad) Plant Protection Bulletin (Taipei) Plant Protection Quarterly Plant Science (Limerick)
Plant Systematics and Evolution Planta Planter Planters' Bulletin Rubber Research Institute of Malaysia PLANTI News Plants Today Plasmid Pleurothallid Alliance News Pochvoznanie i Agrokhimiya Pol'nohospodárstvo Polarflokken Postharvest News and Information Potato Research Prace Instytutu Sadownictwa i Kwiaciarstwa w Skierniewicach. Prace Instytutu Sadownictwa i Kwiaciarstwa w Skierniewicach.
Seria B, Rośliny Ozdobne
Prace Naukowe Instytutu Ochrony Roślin
Probleme de Genetica Teoretica şi Aplicata
Proceedings - Soil and Crop Science Society of Florida
Proceedings of the Florida State Horticultural Society
Proceedings of the Indian Academy of Sciences, Chemical Sciences
Proceedings of the Indian National Science Academy. Part B, Biological Sciences
Proceedings of the Indian National Science Academy. Part B, Biological Sciences Proceedings of the Japan Academy. Series B, Physical and Biological Sciences Proceedings of the Japanese Association of Mycotoxicology Proceedings of the Japanese Society of Sugar Beet Technologists Proceedings of the Kansai Plant Protection Society Proceedings of the National Academy of Sciences of the United

States of America

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Research Journal of Food and Agriculture
Research Report - Agricultural Experiment Station, Division of
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Research Reports of the Kochi University, Agricultural Science
Research Reports of the Rural Development Administration, Biotechnology Research Reports of the Rural Development Administration, Crop Protection Research Reports of the Rural Development Administration, Farm Management, Agricultural Engineering & Sericulture
Research Reports of the Rural Development Administration, Farm Products Utilization & Mycology Research Reports of the Rural Development Administration, Horticulture Research Reports of the Rural Development Administration, Rice Research Reports of the Rural Development Administration, Upland & Industrial Crops Research Series - Arkansas Agricultural Experiment Station Research Series - College of Tropical Agriculture and Human Resources, University of Hawaii Researches on Population Ecology Review of Palaeobotany and Palynology Review of Palacobotany and Palyhology
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Revue d'Ecologie et de Biologie du Sol
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Sborník ÚVTIZ, Zahradnictví
Sborník Vysoké Školy Zemedělské v Praze, Fakulta Agronomická.
Řáda A, Rostlinná Výroba

Scandinavian Journal of Forest Research

Scanning Microscopy

Schriftenreihe des Bundesministers für Ernährung, Landwirtschaft und Forsten. Reihe A, Angewandte Wissenschaft

Schweizerische Zeitschrift für Obst- und Weinbau

Science (Washington)

Science Bulletin of the College of Agriculture, University of the

Ryukyus, Okinawa Science Progress Sciences des Aliments Scientia Agricultura Sinica Scientia Horticulturae

Scientia Silvae Sinicae Scientia Sinica. Series B

Seed Research

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Shell Agriculture

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Silva Fennica Silvae Genetica

LZ, Schweizerische Laboratoriums-Zeitschrift

MARC Monitor, Southern Mindanao Agricultural Research

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oil Science Society of America Journal oobshcheniya Akademii Nauk Gruzinskoi SSR

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Technical Communication - Department of Agriculture and Water

Supply, South Africa
Technical Document - Asia and Pacific Plant Protection Commission
Technical Report of the Agricultural Research Centre, Gembloux
Technique, a Journal of Methods in Cell and Molecular Biology Teknologi Sayur-Sayuran

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Transactions of the Mycological Society of Republic of China

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United States Patent

University Bulletin of the Faculty of Agriculture, Kagoshima USM College of Agriculture Research Journal

USSR Patent

Växtskyddsrapporter, Jordbruk Vedecké Práce Výskumného Ústavu Rastlinnej Výroby v Piešťanoch (Krmoviny)

Veld & Flora

Verslag - Centrum voor Agrobiologisch Onderzoek Verslagen en Mededelingen van de Plantenziektenkundige Dienst,

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Western Journal of Applied Forestry Wheat Information Service

Working Paper - Bureau of Rural Resources (Canberra) World Journal of Microbiology & Biotechnology

Zashchita Rastenii (Kiev) Zashchita Rastenii (Moskva)

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Ljubljani, Kmetijstvo
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